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SCARBOROUGH COLLEGE BULLETIN

Number 1

September 1, 1972

COLLEGE BULLETIN

D. R. CAMPBELL, PRINCIPAL

The purpose of the *Bulletin* is to publish brief accounts of items of interest to the staff and students of Scarborough College. The emphasis will be on the activities of the faculty; however, prizes or honours awarded students, student projects, etc., will be mentioned.

In the interest of combatting the "paper pollution" at Scarborough College, this newsletter will be as brief as possible and will be printed on RECYCLED PAPER. It will be available on Friday mornings; members of staff will receive a copy in their mail boxes and additional copies will be placed at strategic points (such as the Post Office) for students.

During term, the paper will be published weekly; during the rest of the year, its frequency will be determined by the amount of news submitted.

SCARBOROUGH STUDENTS IN MEDICINE

The following Scarborough students have been accepted into the Faculty of Medicine:

Mr. Louis Fields	(III)
Mr Michael Lo	(II)
Miss Jean Weir	(II)
Mr. Francis Woo	(II)

For the benefit of those students and members of staff who have been away for the summer or who are new to the College, there appears below a brief *curriculum vitae* of Principal Campbell.

1949	B. A. in Political Science and Economy, U. of T.
1949-51	Rhodes Scholar at Oxford
1951-52	Lecturer at Ontario Agricultural College
1952-62	Head of Department of Agricultural Economics
1962-64	Acting Director of Planning, Government of Hashemite, Kingdom of Jordan
1964-68	Professor of Economics and Associate Dean of the Faculty of Arts and Science, U. of T.
1968	Professor of Economics and Chairman of the Discipline Committee, U. of T.
1970-72	Economic Advisor to the Minister of Finance and Planning, Government of Kenya

He has served as a member of various government commissions, including the Government of Canada's Task Force on Agriculture (1968-70).



The Fine Art Committee of Scarborough College will hold its first in a series of art exhibitions beginning Sept. 9th. with Arcadia Olenska Petryshyn.

Having received her master's degree in art at Hunter University in 1964, Mrs. Petryshyn has had five one man shows in Chicago, and Bodley Gallery in New York up to 1971. Several permanent works appear at such places as Svydynk Museum Czechoslovakia; George Peabody Museum, Nashville Tennessee; Rutgers University Art Gallery, New Brunswick N. J., among others.

The paintings will be on display in the third floor Science Wing, until Sept. 29th.

Rick Rigelhof

FACULTY CLUB by Cathy Pickett

The Faculty Club would like to extend an invitation to all new staff to visit the Faculty Lounge, Room H-403B. We have numerous amenities such as good coffee and tea, a pool table, magazines, a small cafeteria and dining room, and a big fireplace for cold days. In past years, the membership fee has been only \$10.00 (this is tax-deductible as well). Memberships will be available on October 1st. to all faculty, teaching assistants, graduate students, senior administrative and library staff.

The main reason our fees have stayed so low for the last 2 years, is that volunteers have made our coffee. If you have enjoyed drinking the coffee, perhaps you would like to make it this year, (and obtain the ultimate status symbol — a frig key!). The job requires little culinary skill; more important is that you can arrive before 9:00a.m. once every 2 weeks. It takes about 20 or 30 minutes to start the coffee. If you could help, please get in touch with Cathy Pickett (3133).

(Editorial Comment: Membership in the Faculty Club is not a requirement for allowing faculty members to eat in the Faculty Dining Room or to relax in the lounge. Coffee and tea are also available to non-members on a cash basis).

NEWS FROM SOCIAL SCIENCES

Mrs. Viola Konars, who had served as Dean Colman's Secretary until July has joined the Social Sciences Division as its Administrative Assistant. In this new post, she will have significantly expanded responsibilities in many important areas. She comes to this post with an unusual background of experience with the College's development: she was Secretary to Dean Beckel who served in that capacity from 1964 until Dean Colman took over.

Professor P. W. Cave has been awarded a \$6,200 research grant from the Central Mortgage and Housing Corporation. One of Dr. Cave's Ph.D students is also involved in the study entitled Residential Change in the City of Toronto. The research is the culmination of work begun in 1963 and extended in 1969 with the aid of a small grant from the University's Humanities and Social Science Research fund.

The study is composed of three parts:-

- (1) Alexandra Park district 1950-1970
- (2) The Junction district 1960-1970
- (3) Sample study across the City of Toronto

One of the aims of the research is to produce a diagnostic methodology for analyzing short term neighbourhood change with a view to housing policy determination.

A visitor to the College this year will be E. A. Goodman, Q. C. Mr. Goodman is a prominent Toronto lawyer and public figure who has been actively involved in the Progressive Conservative party for more than a quarter of a century. He was National Organiser of the party in the course of the 1960's and many will remember him as co-Chairman of the 1967 Leadership Convention that selected Robert Stanford. Mr. Goodman is also co-Chairman of the Committee for an Independent Canada. He and Ron Blair will join forces in conducting a seminar on the Conservative party and the Canadian party system from 1918 to the present.

This summer, Professor Francis Burton not only received tenure but also gave birth to twin daughters.

INTERESTED IN SEX?

The Library has ordered a copy of William Breedlove's *Swap Clubs: a study in contemporary sexual mores* (1964).

EVERYTHING YOU EVER WANTED TO KNOW ABOUT SCARBOROUGH COLLEGE is a reference manual on academic rules and procedures, and the facilities and services available at the College. For the benefit of those faculty members who are new to Toronto, there is some information about schools, housing, shopping, theatre, etc.

Barring unforeseen calamities, the manual should be ready for distribution by the beginning of term. Each member of the faculty will receive a copy in his mail box.

TUESDAY, SEPTEMBER 19

Please set aside the late afternoon of Tuesday, September 19 to attend the official opening of the new building. After preliminary remarks by President John Evans and by Premier Davis (if he is able to attend), Controller Gus Harris (substituting for Mayor White) will lay the corner stone. The ceremony will be followed by a reception and tours of the new building.

MEN'S STUDIES

The social pressures from minority groups has led to, among other things, new courses of study: Black Studies, Canadian Studies, and Women's Studies. Professor Richard Tomasson of the University of New Mexico thinks that the systematic study of men has been neglected, "thus reinforcing sex-stereotyped attitudes and depriving men and women students of knowledge crucial to their growth". To remedy this situation, he has submitted a proposal for a programme in Men's Studies. His rationale and the details of the programme are published in the summer edition of *Change* (available in the library).

APPOINTMENTS AND PROMOTIONS

Due to the large number of new appointments and promotions, the list below is not complete; it is just a beginning. In subsequent issues the list will be continued and will include brief *curriculum vitae* of new staff members.

DIVISION OF HUMANITIES

NEW APPOINTMENTS

Drama, Lecturer —
 Mr. M. Schonberg
English, Lecturer —
 Mr. S. H. W. Kane
English, Lecturer —
 Mrs. T. Long
English, Visiting Associate Professor —
 Mr. M. Myers
English, Visiting Lecturer —
 Miss S. Namjoshi
French, Assistant Professor —
 Mrs. C. Jennings
French, Lecturer —
 Miss S. Mittler
German, Visiting Assistant Professor —
 Mrs. W. Tepfenhardt
History, Lecturer —
 Mr. I. R. Robertson
Linguistics, Associate Professor —
 Mr. R. I. Binnick
Philosophy, Lecturer —
 Mr. S. L. de Haven
Philosophy, Visiting Assistant Professor —
 Mr. V. di Norcia

PART-TIME APPOINTMENTS

History, Instructor — Mr. W. A. Haynes
Humanities, Instructor — Mr. C. F. Oliver
Humanities, Lecturer — Mrs. G. Moray
Italian, Instructor — Mrs. G. Katz
Russian, Lecturer — Miss N. Kisseleff
Writing Laboratory, Director — Mrs. E. Katz

PROMOTIONS TO:

Professor — P. H. Salus
Associate Professor — J. H. Corbett
Associate Professor — J. N. Grant
Associate Professor — M. C. Kirkham
Associate Professor — G. Scavizzi
Associate Professor — W. M. Dick
Associate Professor — J. P. B. Kenyon

SABBATICALS

Classics, Miss A. Boddington
English, Mrs. B. S. Martineau
English, Mr. M. Tait
English, Mrs. E. P. Vicari
French, Mr. L. E. Doucette
French, Mr. G. F. R. Trembley
History, Mr. J. P. B. Kenyon
Philosophy, Mr. D. L. Mosher



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SCARBOROUGH COLLEGE BULLETIN

Number 2

September 8, 1972



COUNSELLING

With the expansion of the College and with the increase in the number of courses available, many students have faced difficulty in planning their programmes. Course selection has often been determined by what courses were conveniently timetabled, or what fellow students have recommended (often on the basis of difficulty or ease of the course). As a result, many students have found their plans for the future frustrated by the lack of some required courses.

To remedy this situation, the Office of the Associate Dean and Registrar will be starting a programme for counselling all students. (The programme was accepted by the General Policy Committee but has not been brought to Council yet). Each member of staff will be asked to counsel students who are majoring in his discipline. Beginning in late October or early November, each faculty member will be assigned six or seven first-year students, four second-year students, two or three third-year students and two fourth-year students.

The student need not take his counsellor's advice but he is required to consult him, at least: the counsellor's signature will be required (as proof of consultation) before a student may register in his courses. For the student and counsellor who are grossly

incompatible, a mechanism will be established to allow the student to change counsellors.

This programme is not to be confused with the counselling that was offered during registration week to mainly first-year students.

SCARBOROUGH STUDENTS AT LONDON SCHOOL OF ECONOMICS

Mr. Sandy Greig, who graduated in geography at Scarborough College in June, has been awarded the Mackenzie King Scholarship for study overseas. Only one scholarship of this type is awarded in Canada each year. Mr. Greig will be using the scholarship to study for his Ph.D. in geography at the London School of Economics.

Also going to the London School of Economics for a doctorate is John Pierce, who obtained his B.A. in geography at Scarborough in 1971. Mr. Pierce has spent the past year studying for his M.A. at the University of Waterloo.

GRAPHICS SEMINAR

On August 1st, the Graphics personnel of Scarborough College conducted a conference for designers involved in production of visual aids for University teaching and research publication.

The aim of the conference was to discuss mutual design problems, and new methods and techniques.

A decision to establish an information centre at the University of Guelph, Department of Graphics was made where names of graphics personnel could be had.

A tour of the graphics area was conducted, followed by lunch in the Faculty Club cafeteria.

The conference ended with a decision to hold another at the University of Guelph in February 1973, and to hold a seminar in the future for all those interested in the production of graphics for teaching and research.

The Universities represented were York, Guelph, Waterloo, Ottawa, McMaster and Toronto.

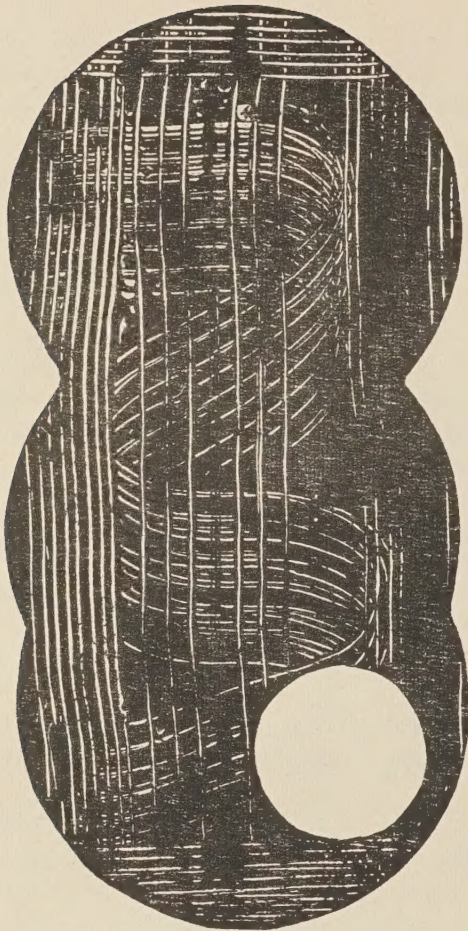
Rick Rigelhof

INSTALLATION OF THE PRESIDENT

The installation of Dr. John R. Evans as the ninth President of the University of Toronto will take place at 3:15 p.m. on Thursday, September 28th. The ceremony will be held on the Front Campus (of the St. George campus).

The Governing Council is inviting all members of the University community — faculty, staff and students — to be present.

Professor Pedro R. Leon, Spanish, will exhibit his prints at Cedarbrae District Library from October 9, 1972 to November 10, 1972.



3RD FLOOR DINING ROOM

The 3rd floor dining room offers an alternative place for lunch every day from 11:30 a.m. to 1:30 p.m.

FINANCIAL OFFICER

Mr. Maurice Murrill will be joining the College as its financial officer, on a part-time basis this fall and then full-time in the new year. He is coming with considerable experience in financial matters, including 18 years at the University of Toronto. A brief outline of his experience is listed below:

- | | |
|---------|---|
| 1936-52 | Accountant and business secretary for an English firm |
| 1952-54 | Assistant Comptroller, Toronto General Hospital |
| 1954-64 | Accountant for the Student's Administrative Council, U. of Toronto. |
| 1964 | Assistant to the Comptroller |
| 1965-70 | Assistant to Director of Finance, U. of T. |
| 1970-71 | Budget Accountant, U. of T. |
| 1971-72 | Budget Officer, U. of T. |

FACULTY CLUB MEMO

Coffee will be available on Monday September 11th after 10 a.m. for all members (and those eligible to become members!) in the Faculty Lounge. (Remember, last year's membership is good until September 30th).

The faculty dining room (4th floor, adjoining the Faculty Lounge) will also open on September 11th from 12 noon to 2 p.m.

ACCOMMODATION

Professor to be on sabbatical leave has house for rent from December 1 for nine months, unfurnished or furnished; new modern 4-bedroom house with study and family room, garage, garden, kitchen with appliances (washer and drier); within walking distance of Scarborough College or TTC bus route. Phone 282-4385 or 928-5198.

LIBRARY NEWS

Mrs. Joyce K. Sowby, Head of Public Services at Scarborough College Library, received the degree of Master of Library Science on June 8th, 1972.

For those who are interested in following the activities of U. of T.'s Governing Council, the agenda and minutes are received by Scarborough College Library and are available in the Library office.

NEW MAIL DELIVERY SYSTEM

A decision had been made in the General Policy Committee to have all staff mail delivered directly to the Divisional offices. However, due to the delay in the completion of the new building, the new mail delivery system will be postponed. It will be implemented once faculty members are settled in their offices.

REMINDER

All members of the College who plan to use the parking lots from 8:00 a.m. to 8:00 p.m., Monday to Friday, are required to purchase parking stickers from the Physical Services Office, S-303C.

APPOINTMENTS AND PROMOTIONS

DIVISION OF SCIENCE

Physical Sciences Group

H.C. CORBEN,
Physical Sciences Group, Chairman

- born in England, raised in Australia
- M. A. (mathematics) and M. Sc. (physics), University of Melbourne
- Exhibition of 1851 Scholar and Rouse Ball Student, Trinity College, Cambridge
- Ph.D. (theoretical physics), University of Cambridge, studying under Professors Sir Arthur Eddington and P.A.M. Dirac
- post-doctoral study (Commonwealth Fund Fellowship) at University of California (under Professor J. R. Oppenheimer) and at Princeton, (under Professor W. Pauli)
- taught mathematics and physics in Australia and was Acting-Dean in Trinity College, Melbourne
- Associate Professor and later Professor of physics at Carnegie Institute of Technology
- 2 years as Fulbright Visiting Professor at Universities of Genoa, Milan, Bologna, Padova
- Associate Director of Electronics Research Laboratory, Ramo-Wooldridge Corp.
- Director of Quantum Physics Laboratory of Thompson-Ramo-Wooldridge
- Dean of Graduate Studies, Cleveland State University
- Dean of Faculties (later Vice-President for Academic Affairs), Cleveland State University
- author of 2 books and 50 technical papers

NEW APPOINTMENTS

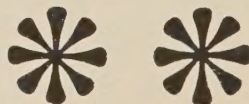
- Astronomy, Assistant Professor —
Mr. P.G. Martin
- Chemistry, Associate Professor —
Mr. T.T. Tidwell
- Chemistry, Lecturer —
Mr. F. Tsien
- Chemistry, Lecturer —
Mr. G. Kwong-Chip
- Chemistry, Demonstrator —
Mr. I. Pivko
- Chemistry, Demonstrator —
Miss I. Smits
- Computer Science, Assistant Professor —
Mr. W.H. Enright
- Mathematics, Assistant Professor —
Mr. R. Delver
- Mathematics, Associate Professor —
Mr. I. Kupka
- Physics, Professor —
Mr. H. C. Corben
- Physics, Professor —
Mr. G.D. Scott
- Physics, Associate Professor —
Mr. P.A. Griffin
- Physics, Assistant Professor —
Mr. A.E. Jacobs

PROMOTIONS TO:

Associate Professor — Mr. P. Keast

Editorial Comment

My apologies to Mr. W.A. Hayes (History) for mis-spelling his name in the last issue.



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SCARBOROUGH COLLEGE BULLETIN

Number 3

September 15, 1972

CREATIVE WRITING: TEACHING THE UNTEACHABLE by Martin Myers

People keep asking me what a writer in residence does, and I keep telling them that I'm going to be teaching creative writing. Whereupon most of my questioners look pained and say: You can't really teach creative writing, can you? The answer is: of course not.

The seminar I plan to run is based on the premise that creative writing *can't* be taught. But it's also based on the premise that every educated person writes already. How skillfully is another story. Skill, talent, call it what you will, can be developed by anyone who is sufficiently motivated to write, to expose his work, and to study the work of others.

I can document this from my own experience. I am the product of a number of writing seminars. I did graduate work in creative writing at The Johns Hopkins University. My novel, *THE ASSIGNMENT*, was written in class for a Master's thesis and went on to get international attention. The Hopkins' course I was in, now in its thirtieth year, has produced a host of fine writers, such as John Barth, to drop one name.

I have also taught in writing workshops for two summers now at York University, and I was astounded at the talent in my classes. Many had never written before, having literally walked in off the street, they ranged in age from sixteen to seventy-five.

SCARBOROUGH
COLLEGE
LIBRARY

What I'd like to do at Scarborough as Writer in Residence is conduct an experimental, non-credit, weekly, two-hour seminar. I would restrict enrollment to 12 since this is an optimum number in my experience. Would-be writers who are interested should submit a manuscript to me in H-313 (I'm there most afternoons). I will work with the writers of the 12 most promising manuscripts. In the event that there are a great many more good writers, a second seminar is feasible.

I'd like to make it quite clear that this is not a class for those who aspire to write what I call pop-hack, or genre fiction, or magazine features. The course will encourage innovation, experimentation, and — forgive me, but I must use the word — Art. Writing as art is what we'll deal with.

I would not be bothering with such a seminar if I did not feel it would benefit all involved. I expect to learn a great deal from it myself and will also be exposing my own work in progress to the tender mercies of my co-students.

The Seminar is open to staff and students.

WRITING LABORATORY

Director — Edda B. Katz

A Writing Laboratory has been established at Scarborough College in response to widespread concern about the inadequacy of much student writing. The Lab is temporarily located in S645. Its permanent quarters, following the opening of the new building are to be in S635. The telephone number is 284-3369.

For the time being the Lab will be open on

Tuesday and Wednesday 10:00-12:00
and 2:00-4:00 Thursday 3:00-7:00

Should a single evening be insufficient to accommodate all the part-time students who wish to make use of the Lab, the evening hours will be extended later in the year.

Instruction in the Writing Laboratory will be mainly in the form of individual tutoring sessions to which students bring work in progress from their classes. However, group instruction in specific areas may be arranged if a need arises. Faculty may refer students to the Writing Laboratory but attendance is always voluntary.

At the present time, I am trying to identify as precisely as possible the kinds of writing problems most frequently encountered at the College. This information will help me determine ways in which the Lab can be most helpful to students. I hope, therefore, that the faculty, who assign and evaluate student writing tasks, and whose writing standards students must meet, will contact me with suggestions of what services might be appropriate for Scarborough students.

I hope also that faculty will co-operate with the Writing Laboratory by informing students of the Lab's existence and by referring students experiencing writing difficulties to it.

U.N. CONFERENCE ON ENVIRONMENT

Professor A. Tayyeb attended the United Nations Conference on the Human Environment which was held at Stockholm, June 5-16. At the Conference, he was affiliated with the Miljoforum which represented most of the non-government organizations as well as university students and teachers from all parts of the world. There, he conducted two seminars: one on the Satiated Environment and the other on the Role of the Citizen in the Environmental Crisis. He was subsequently enlisted as the leader of the Miljoforum Workshop in Science Related Matters. The workshop's recommendations were officially presented to the U. N. body, and will form part of the latter's overall report.

In association with Pollution Probe, Professor Tayyeb intends to organize at the College a two-day "Happening" on ecological problems, some time in October. This will consist of seminars, lectures, discussions and an exhibit of the Stockholm Conference material. Details will be announced in a later issue of this newspaper.

SEPTEMBER 19TH

There will be a general Faculty Club meeting at 12:10 p.m. in the Faculty Lounge, for the purpose of electing a new executive.

Faculty, staff and students are invited to attend the cornerstone-laying ceremony and reception on Tuesday, September 19 at 4:00 p.m.

UNIVERSITY WOMEN'S CLUB

The University Women's Club, Scarborough Chapter, welcomes any women, who are university graduates. The Club, which meets every third Monday at 8:15 in the Faculty Lounge, has an interesting speaker at each meeting. This year's list includes among others, Ms. Phyllis Switzer of CITY TV, Mr. John Sime of the School of Art Lloyd Percival of the Physical Fitness Institute and Principal D. R. Campbell.

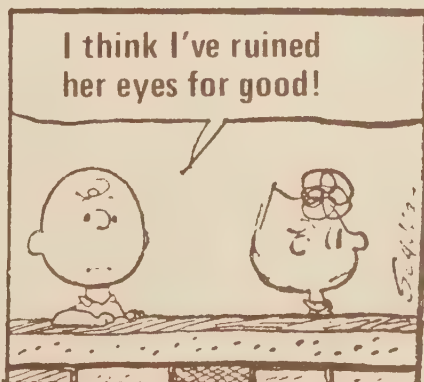
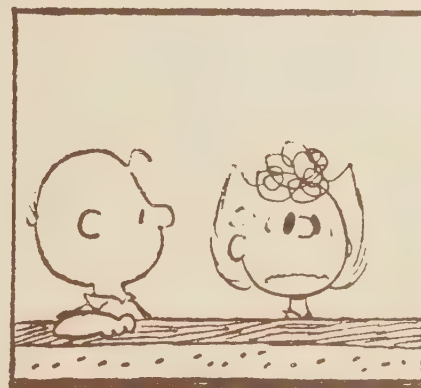
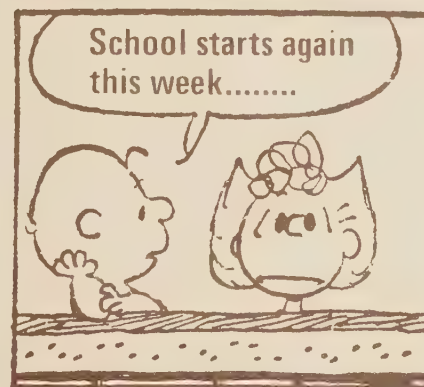
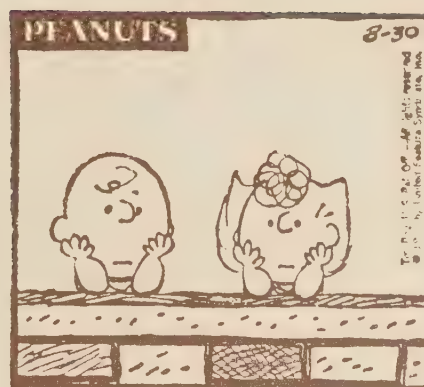
In addition to the guest speakers, the Club has numerous "study groups". In the past, there have been groups concerned with education, pollution, women's rights, book discussion, etc.

Anyone interested in joining is invited to attend the first meeting.

VISITING SCIENTISTS

Professor Harry Kay, from the Department of Psychology of the University of Sheffield, will be visiting at Scarborough College and other Canadian colleges/universities until December. His research interests are skills, human learning and educational technology. In addition to giving talks on these topics he will be conferring with colleagues at the College.

Dr. H. Hyvärinen, Department of Geology, University of Helsinki, Finland, is at Scarborough College as a Visiting Scientist from July until the end of October 1972, collaborating with Dr. J. C. Ritchie. Dr. Hyvärinen has spent the early part of the summer in the Northwest Arctic of Canada as well as taking part in the field excursion to the Yukon to the 24th International Geological Congress.



DIVISION OF SCIENCE, Life Sciences Group

In addition to brief descriptions of our new members of staff, a short *curriculum vitae* of each Divisional Chairmen will be printed. This information is intended to help acquaint new staff members with the background of each Chairman.

J. C. RITCHIE, Life Sciences Group, Chairman

- born in Scotland, 1929
- B.Sc. first class honours in Botany, University of Aberdeen 1951
- Ph.D. (Ecology) Sheffield University 1954
- D.Sc. (Ecology) University of Aberdeen 1962
- Senior Research Scholar, Exhibition of 1851 at Jardin Botanique de Montréal, 1955-56
- Post Doctoral Fellow, National Research Council, at University of Manitoba, 1956-57
- Assistant and Associate Professor of Botany, University of Manitoba, 1957-65
- Exchange Research Fellow, at Academy of Sciences, USSR, 1961
- Professor of Biology, Trent University 1965-68
- Professor of Biology, Dalhousie University 1968-70
- President, Canadian Botanical Association, 1968
- Research Interests — Quaternary and modern ecology of arctic and boreal regions
- Author of over 50 research papers and monographs.



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NEW APPOINTMENTS

Biology, Assistant Professor, C.K. Govind
— B.Sc. Rhodes University
— M.Sc. University of Natal
— Ph.D. University of Manitoba
— NRC post-doctoral fellow at the University of Toronto (investigating the physiology and ultra structure of neuromuscular systems)
— published several articles based on his work on the anatomy and physiology of insect flight

Biology, Assistant Professor, M.A. Mantuani
— B.Sc. University of Toronto
— Ph.D. Duke University (investigation of the sediment - water relations in lakes of the Lower Grand Coulee, Washington)
— 1969-71, Visiting Assistant Professor of Ecology and Animal Behaviour at University of Minnesota
— 1971-72, Visiting Assistant Professor of Geology at Duke University

Psychology, Assistant Professor, J.A. Kennedy
— B.Sc. and M.Sc. Queen's University, Belfast
— Ph.D. (1971) Cornell University
— 1970-72, Assistant Professor in the Department of Social Relations and Graduate School of Education at Harvard University
— replacing Professor Smith who is on one year's leave of absence and one year's sabbatical

PROMOTED TO:

Professor — Mr. N. Moray
Instructor — Ms. S. Farrell

TENURE GRANTED TO:

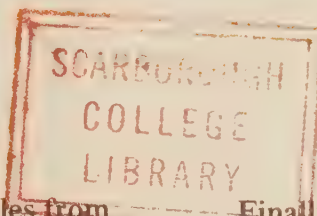
Mr. J. H. Youson
Mr. R. E. Dengler

SCARBOROUGH COLLEGE BULLETIN

Number 4

September 22, 1972

MARINE BIOLOGY AT SCARBOROUGH COLLEGE



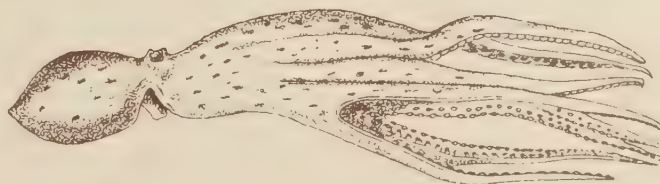
Since Toronto is hundreds of miles from any ocean, Scarborough College seems to be an unlikely place to train marine biologists. However, Professor Urquhart is trying to do just that.

He starts with BIOB08Y which deals with invertebrate animals (animals lacking a backbone or spinal column). Since 82% of all invertebrates are marine animals, this course provides a basis for later study in marine biology.

For the students who become interested in marine biology, BIOB21Y is a course that combines field study at Huntsman Marine Laboratory, St. Andrews, New Brunswick, with reading assignments at Scarborough College. The laboratory at St. Andrews is run under the auspices of the Atlantic Provinces Interuniversity Commission on the Sciences with the following colleges/universities participating: Dalhousie University, St. Mary's University, University of New Brunswick, University of Prince Edward Island, Scarborough College. In the three-week field course (144 hours) students study oceanography, planktons, fisheries, trophodynamics, ecology of rocky shores, etc. One exciting feature of this course is that live, moving specimens are used; at Toronto, the specimens would have to be dead and preserved.

Finally, there is an advanced-level course, BIOC04Y (Invertebrate Ecology), in which students do original research projects in fresh water, terrestrial or marine invertebrate ecology. Those students electing to study marine invertebrates must be familiar with skin diving since they spend one week on a coral reef four miles off the coast of Florida, observing animals in their natural habitats. This year, the first time this course has been offered, there are four students enrolled — one third-year and three fourth-year students.

(It should be pointed out that the majority of the expenses for the field trips in these courses are paid by the students).



CYGNUS X-3

On the night of September 2, Dr. Philip Gregory and Professor Philip Kronberg (both from Scarborough College), along with other astronomers from U. of T., were preparing to observe the binary star Algol and other radio emitting stars, at the NCR observatory in Algonquin Park. The weather was poor for observing this star, so Dr. Gregory decided to check on another source of radio waves and x-ray emission in which he was interested. This source, called Cygnus X-3, had been discovered in 1970 and usually emitted radio waves of intensity of about 0.01 flux units. That evening, his instrument was reading 22 flux units — 2200 times greater than normal! This sudden, enormous increase in intensity was unprecedented.

Dr. Gregory phoned colleagues in other observatories and by Sunday morning six observatories were involved in the investigation.

Both Dr. Gregory and Dr. Robert Hjellming, of the U.S. National Radio Astronomy Observatory speculate that Cygnus X-3 could be a black hole, although they do not understand why it would be giving out radio energy. (A black hole is a place in the sky where an ancient, long worn-out star has collapsed and all matter is disappearing in a vast surge of radiation). Another possible explanation is that the object is experiencing the equivalent of an earthquake.

Optical astronomers are also hoping to study his phenomenon but their prospects are poor. Cygnus is in an almost black part of the Milky Way, obscured by dark clouds or mass.

Professor Kronberg reported that the strong radio emission has gradually diminished over the past two weeks to its original low level. The question remains: What was it?

MESSAGES FROM PHYSICAL SERVICES OFFICE

For reasons of health and for efficient operation of the cafeteria, members of staff and students are asked not to remove trays, cutlery, etc. from the cafeteria nor to eat outside the designated eating areas. 90

Those people who have been using the Service Tunnel entrance to enter and leave the building are asked to discontinue this practice. It is not only dangerous, but the electronically-controlled doorway was not designed for and is incapable of handling so much traffic.

UNITED APPEAL

Faculty, faculty wives, staff and students:

The annual residential campaign for the United Appeal begins next week. Many volunteers will be needed to do the job. Volunteers can put their names and phone numbers on the sheet provided in the Meeting Place on the south bulletin board.

West Hill-Highland Creek campaign chairman, Lois James, will arrange convenient individual assignments, or, if there are enough people, a Scarborough College Blitz night can be set up for Monday, October 5.

Meet your neighbours and do a good turn at the same time.

Lois James

FACULTY CLUB, NEW EXECUTIVE

At its meeting on Tuesday, September 19, the Faculty Club elected a new executive: R. Dengler, President; R. Rigelhof, Social Secretary; C. Pickett, Treasurer. I. Campbell, J. Lee, C. Sparrow, K. Theil, V. Tripp are members of the executive committee.

All eligible members are asked to pay their \$10.00 fee to Cathy Pickett.

POLLUTION PROBE SCARBOROUGH

For almost a year and a half now, we of Pollution Probe Scarborough have maintained a modest office within Scarborough College.

Our organization has been operating full-time under federal and provincial grants as well as private funding campaigns. As of June 4, 1972 we have received a formal charter from the Province of Ontario as "Community Consultants for Environmental Action (Ontario) Ltd." This non-profit charitable foundation will enable Pollution Probe Scarborough to get funding for environmental projects which concern Scarborough and the Greater Toronto Region.

The nature and scope of our work is such that there exist ample opportunities for any interested persons to participate with us towards the final realization of sound policies of environment and resource management and we extend an open invitation to staff and students alike to do just that. Come in and see us, or call: 284-3346, 3258, 2296. See if we can help you, or you can help us. And maybe we can help each other. New students are especially welcome.

Pierre Côté, Leonard Steele,
Secretary Executive Administrator
Norm Hawirko,
Executive Director

GRAD PHOTOS

A photographer from Gerald Campbell Studios will be at the College the week of October 16. Graduating students are requested to make appointments for their photos at the S.C.S.C. office, room S-303H.

PLEASE NOTE:

In order to be included in Friday's issue, contributions to the *Bulletin* should be sent by Tuesday, 5:00 p.m. (of that week) to M. Bradshaw, Assistant to the Principal.

A GALA AFTERNOON by Specks Tator

Fluffy white clouds against a brilliant blue sky greeted the throngs flocking to view the equally brilliant guests assembled to the gala fête celebrating Scarborough's cornerstone-laying last Tuesday.

Garbed in a simple plaid suit which set off his shining eyes and neatly trimmed moustache, Principal D.R. Campbell murmured a few words into a microphone in the Meeting Place and summoned all to the sunlit plaza between the new classroom and recreation areas. In by no means too few words, the Principal summoned a natty David Onley to the podium to introduce the new President of the University. Resplendent and stately in a grey suit, Dr. Evans gazed down at the grouped Lilliputians and paid tribute to the past Principal and Dean and the architects of Scarborough's glowing past. Citing this occasion as his first official act, President Evans used a broad brush to limn the past history and future prospects of the College.

Followed to the rostrum by Ron Blair Chairman-elect of the College Council, Dr. Evans withdrew in favour of the introduction of Gus Harris, Controller of Scarborough who had foresightedly brought with him his own trowel. Laying on the plaster, Mr. Harris reminded his audience of the profit gleaned by the Borough from Scarborough's students. Finally, a jubilant Principal welcomed all the guests and ushered them back to the Meeting Place for tasty refreshments supplied by the College's chef de cuisine.

A good time was had by all.

APPOINTMENTS AND PROMOTIONS

DIVISION OF SOCIAL SCIENCES

JORIE TARSHIS,
Social Sciences Chairman

- born in Toronto, attended University of Toronto School; graduate B. Comm. University of Toronto
- Massey Fellowship, Trinity College, Cambridge. B.A.
- Senior Scholar, Trinity College, M.A. Ph.D., University of Cambridge. During period at Cambridge member of Political Economy (Keynes) Studied under Keynes, Dennis Robertson, Joan Robinson, R.F. Kahn, Sraffa
- took post at Tufts College, Massachusetts
- Carnegie Fellow and Research Associate, National Bureau of Economic Research
- Moved to Stanford University, California. Eventually Department Head and Professor of Economics
- Guggenheim Fellow. Lecturer on International Economics at Cambridge
- Ford Faculty Research Fellowship
- Fulbright Fellow, Ancona, Italy
- For some years actively associated with Stanford's Overseas Campus Programme. Taught in Florence, Italy for three periods and in Stuttgart, Germany for one.
- Author of a number of books and articles
- Consultant at times to the U. S. Joint Economic Committee, U.S. Treasury Department — Federal Reserve Board

NEW APPOINTMENTS

Economics, Visiting Associate Professor,
Jon Cohen

- six years as member of faculty of Yale University
- specialization in Economic History, with particular interest in Italy

Economics, Visiting Assistant Professor,
John Gemello

- is completing Ph.D. at Stanford University
- interests are Public Finance and Urban Economics

Economics, Assistant Professor, Mark Walker

- previously Assistant Professor at Graduate School of Management, Northwestern University
- area of interest is Collective Decision Procedures

Political Science, Visiting Professor H.
Gordon Skilling

- Director of the Centre for Russian and East European Studies at University of Toronto
- will be conducting seminar on Comparative Communism in Eastern Europe in the fall term.

Political Science, Assistant Professor, Victor
Falkenheim

- graduate of Princeton and Columbia
- taught at Franklin and Marshall College since 1964
- specialist in contemporary Chinese politics with general interest in Comparative communism in Asia
- will be involved in developing modern Chinese studies at University of Toronto

.....to be continued next week

SCARBOROUGH COLLEGE BULLETIN

Number 5

September 29, 1972

EXTENSION COURSES AT DURHAM COLLEGE

In May of this year, Queen's University announced that they were no longer going to offer extension courses in Oshawa. Scarborough College was subsequently approached by representatives of Durham College of Applied Arts and Technology, and of the Ontario County School Board, who urged us to offer some courses in Oshawa during 1972/73, if at all possible. The request met a quick response in the College with the result that three full-year courses and four term courses are being offered at Durham College on Monday or Tuesday evenings for residents of the Oshawa area. The courses being offered, the approximate enrolment, and the Instructors are listed below (note that we are replacing the A, B, C designation with X, Y, Z to avoid confusion with courses offered on the Scarborough campus):

ENGX08Y	40	J. Kay
GGRX06F	17	K. Francis
GGRX08S	(17)	P. Cave
HISY05F	50	W. McKay
HISY06S	(50)	W. McKay
PHLX01Y	24	S. DeHaven
POLY23Y	15	J. Dreifelds

The numbers are still approximate since many prospective students had, by September 19, still not received notice of their admissibility to the University of Toronto.

The response to our offerings has been very encouraging considering the late date at which the preparations began. We are still receiving enquiries from prospective students who have only recently heard of the courses. It is only through the co-operation of Durham College, who are providing classroom, bookstore and library facilities, the Ontario County School Board and Queen's University, who both provided us with names of prospective students, and the Office of Admissions of the University who made special arrangements to handle the unexpected number of somewhat late applications for these courses, that we have been able to establish what looks to be a successful new campus for Scarborough College!

J.D. King

APPRENTICE

A foolhardy fly, I
remembering what Thurber had said
re angels and fools
and angels in heaven and fools not dead,
accepted invitations, entered parlours,
tasted the texture of spidered thought
and growing emulous,
learned weaving,
My doors are open from dawn to dust.

S.N.

QUARTET QUESTION HUMANITY'S FUTURE

What began as an informal debate among four college professors over lunch-time coffee has developed into a new undergraduate course with a novel structure. Called "Contemporary Cultures in Question", HUM B13 invites students to join in the continuing discussion of whether humanity has a future, among professors Louis Mignault (French), Bonny Clancy (Philosophy), Abe Ross (Psychology), and John Lee (Sociology).

Every second week the four will engage in an open debate with the enrolled students as a participating audience. In the intervening weeks students will present their own position papers to seminars at which the professors will act as resource persons on a rotating system, thus all forty students enrolled will have ample opportunity to become acquainted with each professor personally. Assigned readings for the course range from Neitzche through Freud and Sartre to Toffler and Skinner, and the final grade assessment will include an oral examination.

"I'm not optimistic about humanity's future and the course certainly doesn't guarantee an upnote ending" Professor Lee reports. "Some of my colleagues are less Jeremiad that me, of course." Professor Lee's position paper which was presented at the first panel discussion names "at least nine probably mortal problems with no viable solutions in sight, or even likely". They are permanent local wars, ultimate global war, devastating civil conflicts, mind control and electronic surveillance, future shock of rapid social change, exhaustion of the earth's natural resources, overwhelming pollution, intolerable gaps in relative living standards, and uncontrollable population explosion. "Technology has no solutions" Professor Lee argues. "In fact, technology is the problem."

"We want to break down the watertight compartments between subject matters and make learning relevant to man's contemporary problems", Professor Mignault told the opening class. "We would like to have had even more professors here from other disciplines."

WINEMAKERS UNITE!

Making wine on one's own is fun and inexpensive.

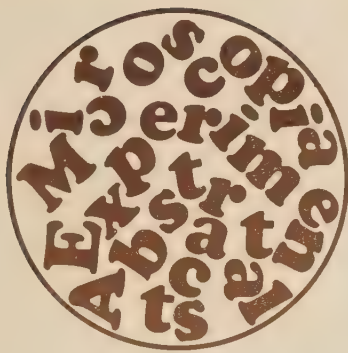
Making wine together is even less expensive. The equipment needed is not costly; nor are the concentrates (or grapes and crusher, if you are venturesome). If a group of people share the costs they are even lower. If a group of people voluntarily associate into a winemaking club they can get a discount from most winemaking supply stores.

In addition, making wine together usually provides an occasion for a convivial savouring of the juices. This form of technological spinoff, although ancient, has retained its quaint charm even into modern times.

Anyone interested in joining a loose (or tightly) knit voluntary association of Scarborough College Winemakers and Tasters please drop into the Faculty Lounge next Thursday October 5 at 2:30 p.m. If you are interested and cannot come contact Vincent di Norica (H-505; phone 3145; home phone - 284-4907).

One way or another I will try to provide information about winemaking to those interested and perhaps all interested might form the first Scarborough College Winery.

Vincent di Norcia



Microscopia Experimental Abstracts

OCTOBER 2 to 27, SCIENCE WING

These paintings are fanciful renditions both abstract and semi-abstract using electron and photomicrographs for inspiration. They are not intended to be accurate representations of the work studied but rather an imaginative use of the material from the point of view of colour and composition. At the same time they retain the feeling of the order of the universe that exists down to its smallest parts, rather than the disorder of unreality.

Since there is no colour involved in electron micrographs, such as the Freeze-Etchings exploited here, there is scope for experiment in both colour and composition. They are particularly suitable for water-colours because both depend on the appearance of light and shadow.

My educational background combined both Science (including Bacteriology) and Art. I can identify with both worlds and these paintings combine my interest and my background.

Doris Murray

ENROLMENT 1972/73

All figures are as of September 25, 1972

1) Full-time	2) Part-time
1st year 970	No. of students
2nd year 580	1007
3rd year 359	Course Enrolments
4th year <u>216</u>	1324
2125	

Of interest is the number of full-time students who pre-registered but did not register. The breakdown is as follows:

1st year	48
2nd year	31
3rd year	13
4th year	23

The large first-year number is unprecedented since from previous experience we should have expected the number to be less than 20.

POSITION WANTED

Douglas Cockell, who left Scarborough College in 1969 with a B.A. and has since completed work for his M.A. on the St. George Campus, will be remembered by many people as an outstanding student, active also as an actor, director and film maker. For over a year now he has tried in vain to find a job suitable to his qualifications and interests. He is particularly interested in film but also in teaching. At present he is employed by a book shop.

If anyone knows of a suitable position for Mr. Cockell, please contact Professor Kirkham.

SOCIAL SCIENCES SEMINAR

The first seminar for this year will be held on Tuesday, October 3 at 4 p.m. in the Faculty Lounge. Dr. Francis Burton will present a paper on *Non-Human Primates, Sexual Antagonism in*.

Members of all Divisions are welcome

APPOINTMENTS AND PROMOTIONS

DIVISION OF SOCIAL SCIENCES

Political Science, Lecturer, Arthur Rubinoff

- from Dartmouth College
- interested in international relations and the politics of the Indians sub-continent
- published book, *India's Use of Force in Goa*
- will help to develop courses in Asian politics

Political Science, Lecturer, George Friesen

- graduate of Universities of Alberta, Manchester and Harvard
- specialist in international politics and comparative European government, with particular interest in France

Sociology, Associate Professor, Nancy Howell

- previously at Princeton University
- specializing in urban sociology and demography

Sociology, Visiting Assistant Professor, Jean-Louis de Lannoy

- previously at Princeton University
- specializing in political sociology, Latin American and Canadian society

TENURE GRANTED TO:

Mr. C. Sparrow (Geography)
Mr. B. Greenwood (Geography)

PROMOTION TO:

Associate Professor — Mr. B. Greenwood

DIVISION OF HUMANITIES

Drama, Lecturer, Michael Schonberg

- completing Ph.D. at Graduate Centre for the Study of Drama, U. of T.
- field of study: History of Theatre, Theatre and Drama of Eastern and Central Europe, Renaissance Theatre, Japanese Theatre
- 1970-1972, part-time teaching experience at Scarborough College and U. of T., St. George campus

English, Lecturer, Sean Kane

- Ph.D., U. of T. (1971)
- thesis on "Spenser's Moral Allegory"
- area of interest: Renaissance Literature, Middle English, English-Canadian Literature, Literary Theory.

English, Lecturer, Tanya Long

- M. Phil., U. of T. (1972)
- thesis entitled "Study of the heroine in the novels of Margaret Laurence"
- three years part-time teaching experience at Scarborough College

English, Visiting Associate Professor, Martin Myers

- M.A., Johns Hopkins University (1969)
- published novel: *The Assignment*
- work in progress: screen play of *The Assignment*, another novel, short stories, poems, theatre pieces
- extensive experience in advertising radio, films, theatre, television.

English, Visiting Lecturer, Suniti Namjoshi

- Ph.D. (1972), McGill University
- areas of interest: Modern Canadian Poetry, Science Fiction, Oscar Wilde and the 1890's, Ezra Pound
- published many volumes of poetry

SCARBOROUGH COLLEGE BULLETIN

Number 6

October 6, 1972

NEW DEVELOPMENTS IN PHYSICS

High energy physics is probably the most costly field of basic research, a fact which has led to fairly active criticism in recent years. The latest accelerator, at the National Accelerator Lab (N.A.L.) in Batavia, Illinois (which has a main ring of diameter of 1 kilometer) cost about \$250 million to build. The previous generation of machines have seemed to provide puzzles (mainly in the form of new particles) rather than answers. However, a theory proposed in 1967 by Steven Weinberg of M.I.T. and Abdus Salam of the International Centre for Theoretical Physics, Trieste has recently been revived following the work of a graduate student G't Hooft of the Netherlands and was the subject of much discussion at the XIVth International Conference on High Energy Physics held recently at the University of Chicago and N.A.L.

One of the exciting aspects of the theory is that it seems to be close to being the first unified theory of matter, since the attempts by Einstein and Bohr, which has a chance of working. In nature, there are four major types of force: gravitational, weak, electromagnetic, and strong (in order of increasing strength). The gravitational force is too weak to be evident in experiments performed in the large accelerator laboratories. The electromagnetic force is evident in our daily lives. The Weinberg-Salam theory proposes that the weak and electromagnetic forces have a common

origin — the difference in strength coming from the difference in mass between the particles which mediate the interactions. The electromagnetic force is mediated by the (massless) photon and the weak interaction by a very heavy particle, usually called the W boson or the intermediate vector boson. The W boson has not been found yet since the heavy mass means that a very high energy (such as that which will be obtained at N.A.L.) is needed to produce them and they will then exist for an exceedingly short time before decaying into existing particles. The Weinberg-Salam theory is cleanest (i.e. most easily disproved) for purely lepton interactions — involving only electrons, muons and their neutrinos. It is hoped that, in addition to the N.A.L. machine, the new colliding beam machines at Frascati, Italy; DESY Hamburg; Novosibirsk USSR, and SLAC, Stanford (which separate beams of electrons and their antiparticles, positrons, collide and annihilate one another — c.f., two cars colliding when each travel in opposite directions) will be able soon to determine the validity of the Weinberg-Salam theory. Although there has been a great deal of optimism over this new theory the present models, especially when extended to include the hadrons (all particles that are not photons or leptons) are not yet aesthetically pleasing. A great deal of activity in the field is obviously going to take place in the next year.

P.J. O'Donnell

QUATERNARY STUDIES

by J.C. Ritchie

How did it all get like this anyway — human cultural systems, the landscape, the boreal forest, the desert? It's a long story but the most significant and drastic events which shaped our present scene took place in the last couple of million years — during that rather small segment of geological time known as the Quaternary. For example the following events occurred at various times in the last 20,000 years or so in our country: much of the land was covered by thick ice, which, as it receded formed inland lakes and seas bigger than modern Lake Superior; a large group of mammals (Sloths, camels, tigers, mammoths etc.) became extinct; man arrived from Eurasia; and the plants and animals which had migrated or otherwise survived in face of these drastic climatic changes, shuffled back to set up the tundra, forest, grasslands, and so on, we know and exploit today. These great cycles of change are still active, and the present fleeting episode is just one of several interglacial periods.

Three of our faculty investigate these events — in the Lebanon, where Professor Bruce Schroeder is studying the early cultures of man and their relations to changes in climate and early domestication of plants and animals; in Maritime Canada and elsewhere where Professor Brian Greenwood investigates the dynamics of landscape change; and in arctic and forested regions where Professor J.C. Ritchie is helping to unfold the history of vegetation change since the ice sheets waned 15,000 years ago.

But these Quaternarists, as they are called, can't get along by themselves. They need the expertise of each other to unravel these intricate, inter-related processes. In fact Quaternary Studies must be the oldest "interdisciplinary" field — 2 centuries old at least. So when Professors Greenwood, Ritchie and Schroeder put their heads together and hatched up a new A-level

course (NSCA03Y Quaternary Environments and Man) which brings together all the threads of this fascinating story, there was nothing "new and groovy" about the idea. But perhaps it does provide students with an opportunity to bring together the significant changes and events of the immediate past — that immediate past which is the key to the present.

F.B. WATTS MEMORIAL LECTURE

Suggestions for this year's speaker should be forwarded to Principal Campbell by Wednesday, October 11.

LOST: picture of the Kitt-Peak National Observatory, from the Physical Sciences bulletin board. Would anyone having knowledge of this photo contact Professor R. Roeder.

GRAD PHOTOS

A photographer from Gerald Campbell Studios will be at the College the week of October 16. Graduating students are requested to make appointments for their photos at the S.C.S.C. office, room S-303H.

PAPER RECYCLING

In the course of making arrangements for recycling of the College's waste paper, it was discovered that Mr. R. Mann and his staff were ahead of us. For some time now, they have been sorting, bundling and sending waste paper to a recycling firm. Congratulations to Mr. Mann and his staff for their initiative!



PRE-ELECTION COMMENTS

by Edwin A. Goodman

In less than a month, Canadians will be voting. Up to the present time, however, there seems to be a conspiracy of silence between the leaders of the three major parties about what I believe is the most important election issue. This issue is the economic, social and cultural independence of Canada.

In calling the election, Mr. Trudeau has said "the challenge is nothing less than the integrity of Canada . . .". I admire the Prime Minister's aplomb in setting the issue in the field that his government most clearly has failed to take action. No country most of whose resources are foreign-owned and processed abroad; whose electrical, chemical and petroleum industries and half of its manufacturing industries are owned abroad; whose professional and entrepreneurial classes work and live in a truncated world; where two-thirds of its trade union is foreign-controlled; where most of its entertainment industry and many of its cultural and educational institutions are foreign based or oriented; has integrity.

With the government open to attack on this issue on its front, its rear and its flanks, in the campaign up to the time of writing, neither Mr. Stanfield nor Mr. Lewis have as yet been prepared to advance a concrete policy or even deal with this issue. The only criticism to date has come from a few individual candidates, Mr. Eric Kierans and the Committee for an Independent Canada.

If no political leader is prepared to make a commitment on this matter which is of such concern to many Canadians, it follows therefore that if there ever was a time in Canadian history when it would be advantageous to have a minority government, it is now. Only this way will our next government become sensitive to public opinion.

CALENDAR OF EVENTS

FRI. OCT. 6 — the last day on which students may enter a full-year course (Y), a fall-term half-course (F) or a year-long half-course (H).

TUES. OCT. 10 — Council Chamber, 2:00 p.m., Art Committee Meeting

Council Chamber, 1:00 p.m. Under the auspices of Latin American Studies (Div. of Humanities) and History Students Association, F.W.O. Morton, of St. Antony's College, Oxford will give a talk entitled *Brazil Today: Is the Future Here?* Mr. Morton was formerly with the Department of External Affairs in Brazil.

WED. OCT. 11— Council Chamber, 4:10 p.m. Council Meeting

THURS. OCT. 12 — Council Chamber, 2:00 p.m. to 4:00 p.m. Martin Myers: readings from his work in progress

Soccer, at Erindale 4:15 p.m., Scarborough vs Erindale

FRI. OCT. 13 — Football at Scarborough 4:00 p.m., Scarborough vs Medicine

APPOINTMENTS AND PROMOTIONS

DIVISION OF HUMANITIES

P.H. SALUS, Chairman

- born in Vienna, raised in New York
- B.Sc. (Chemistry) M.A. (Germanic Languages), Ph.D. (Linguistics), New York University
- Chairman, Department of Linguistics, Queens College, City University of New York
- Chairman, Programme in Linguistics University of Massachusetts
- Fulbright researcher in Iceland
- American Philosophical Society Fellow
- Visiting Professor, New York University and Ohio State University
- visiting lecturer and external examiner, Université de Genève, Switzerland
- editorial consultant, Holt, Rinehart and Winston and Indiana University Press
- Board of Trustees, Linguistic Research Inc.
- translator of two books, editor of three books, author of three books and about 50 articles and reviews.

French, Assistant Professor, Chantal Jennings

- Ph.D. (1969), Wayne State University, Michigan
- thesis topic: "Les Romanciers Naturalistes et la Question de l'Emancipation Féminine"
- formerly Assistant Professor at State University of New York at Buffalo

PLEASE NOTE:



In order to be included in Friday's issue, contributions to the *Bulletin* should be sent by Tuesday, 5:00 p.m. (of that week) to M. Bradshaw, Assistant to the Principal.

French, Lecturer, Sylvia Mittler

- Ph.D. (1971), University of Strasbourg
- thesis topic: Les Débuts Littéraires d'Henri Pourrat
- teaching experience at University of Toronto and University of Strasbourg

History, Lecturer, Ian Robertson

- Ph.D. (1972), McGill University
- teaching interests: Canadian Intellectual History; Canadian History, 1841 to present; History of U.S.A., slavery crisis to present; Russian History 1801-1929; Philosophy of History

Linguistics, Associate Professor, Robert Binnick

- Ph.D. (1969), University of Chicago
- thesis topic: Studies in Derivation of Predicative Structures
- previous post as Assistant Professor of Linguistics, University of Kansas
- has some knowledge of the following languages: Classical Greek, Latin, Sanskrit, Hieroglyphic Egyptian, Spanish, French, German, and some computer languages (COMIT II, SNOBOL III, and FAP).

Philosophy, Lecturer, Steven DeHaven

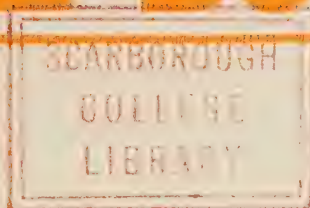
- Ph.D. (1972), U. of T.
- thesis topic: Intentionality and Intensionality, a study of the logical structure of psychological idioms
- Woodrow Wilson Fellow
- last position as Visiting Assistant Professor at Simon Fraser University

Philosophy, Visiting Assistant Professor, Vincent diNorcia

- Ph.D. (1969), University of Toronto
- Ph.D. thesis: Bernard Lonergan's Theory of Development
- taught philosophy at Laurentian University and University of Sudbury College, 1966-1972

SEABOROUGH COLLEGE BULLETIN

Number 7



October 13, 1972

THE GOOD SAMARITAN by A.S. Ross

Newspaper reports of cries for help that are ignored by bystanders are usually greeted by cries of concern from the general public. Questions such as, "How have we come to this?" are asked, and answers such as, "apathy" and "dehumanization due to urban environment" are heard. Answers such as these lead us only to the security of the thought that since we ourselves are not dehumanized or apathetic we would have helped; they do not lead to an increased understanding of human behaviour. Why then, under some circumstances do people ignore a cry for help?

Answers which are emerging from research conducted in our laboratory and those at other universities reveal two determining factors. First, we have found that when only one person is present at the time of an emergency helping occurs 90 % of the time, while with two others present it occurs only 15 % of the time. The more people present at the time of an emergency the more responsibility can be diffused among them and the less likely any one person is to help.

The second determining factor is whether or not others present are ignoring the emergency. Many emergencies are ambiguous. Observing others ignoring a situation may enable us to resolve our

ambiguity by deciding that the situation is not an emergency. The fact that we use the cues emitted by others to determine our behaviour in an emergency is not surprising considering that in our everyday life we use cues from others as to what behaviour is expected of us in novel situations.

One conclusion which follows from this research is that whether or not anyone responds to an emergency depends on what is going on around them. There are no "good" people or "bad" people. Given the right situation any of us will help, but under other circumstances we are just as likely not to.

EDITOR'S NOTE:

This article is the second in what hopefully will become a series of articles featuring research topics in the various disciplines. I would appreciate hearing from faculty members who have research projects that are easily described in simple English, i.e., do not require professional jargon or extensive knowledge of the discipline on the part of the reader.

FEE INCREASES

by John Corbett

There can be few people at Scarborough College who have not heard of the substantial increase in fees faced by Arts and Science students this year as a result of decisions taken by the provincial government. Possibly some people have followed in the press (in as much as they were reported) the similar but more drastic changes in the health sciences field — changes which have led to withdrawal of living allowances for internes in certain health science courses (physiotherapy, dietetics etc.) as well as substantial fee increases.

But perhaps, if we are to judge from the public response to this important issue within the college community, few people realize that these increases in fees will continue in years to come and apparently represent the beginning of a new government policy regarding post-secondary education. ("Apparently" — because the government seems understandably reluctant to announce this new policy in an explicit way). In any case it seems certain that this policy, shifting a large percentage of the cost of post-secondary education onto the shoulders of students without providing sufficient support in the way of grants, will return the province of Ontario to the "elitist" system of education which we seemed to have abandoned in recent years in favour of an open-door" policy. Many Scarborough College students will be concerned that these projected increases (especially severe in the areas of graduate work and professional training, medicine, law etc.) will make their planned programs of study much more difficult — if not impossible.

But everyone should ask what the effects of these changes in government policy will be for the College's future. Can we really tolerate a wholesale attack on the principle of wide accessibility to post-secondary education? What will be

the effect of such a policy on the academic development of Scarborough College?

Whatever our feelings on this important issue, we should all try to make our influence felt on the provincial government during the coming year. Students especially can help by voting in the Ontario wide referendum regarding the proposed withholding of fees (October 11/12).

AN ACADEMIC WINE AND CHEESE

One evening, at a wine and cheese
I heard an academic sneeze.
And instantly, within the room
Eyebrows were raised, predicting doom.
"Have you," said one, "thought carefully
Of the effect of history
On what you did?" Another cried,
"Remember the year that King James died
His countrymen, quite tragically,
Praised the sneeze fanatically."
"You misconstrue, you misconstrue!"
Cried yet one more, "I challenge you!
Last year, I'm certain you'll recall
A new book by Professor Small
Dealt with this topic in detail;
To..." "Hold it!" growled Professor Grey,
"Just last week at the M.L.A.
Three papers showed the R.T.V.
Of C.P.E. and Series B!"
They warbled on and on in gloom
When from the far side of the room
Not purposely, but still quite pleased,
Another academic sneezed.

Joan Howard



UNIVERSITY OF TORONTO EMPLOYEES CREDIT UNION LIMITED

There are no customers at your Credit Union. It's the REAL people place.

A credit union is people. It's owned by people. It's operated by people for people. Credit union people. Your credit union, the REAL people place, still has that personal touch you want and need.

A credit union is factory workers, and office workers and construction workers. It's clerks and secretaries and housewives. It's farm people and city people. It's young people and mature people. It's people who own a piece of the action. They're member-owners of their very own credit union.

It's people saving and getting reasonable dividends. It's people borrowing at reasonable interest rates. It's people who receive great insurance benefits at no additional cost.

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PRINTING WORKSHOP

Remember last year's print making workshop under Saul Fields' direction? Interested in participating in an informal workshop this year? Faculty, staff and students who are interested, please leave your names in Professor Leon's mailbox.

CALENDAR OF EVENTS

FRI. OCT. 13 — Football at Scarborough
4:00 p.m. Scarborough vs Medicine

MON. OCT. 16 — 8:15 p.m., Faculty
Lounge, University Women's Club
Guest speaker, Ms. Phyllis Switzer, Vice-
President of CITY TV will speak on
"Women and the Media".

TUES. OCT. 17 — Room H216, 2:00 p.m.
to 4:00 p.m., Film "Apes of Gibraltar"

WED. OCT. 18 — Fresco Gallery, Royal
Ontario Museum 5:30 p.m., "In Person"
Martin Myers will read his own work.

Soccer, at Scarborough 4:15 p.m., Scar-
borough vs Senior Engineering

Football, at Scarborough 4:00 p.m.,
Scarborough vs New College

Room S319, 2:00 p.m., a showing of
"The Milky Way" (French with English
Subtitles) by Luis Bunuel. Admission is
free. All are invited, but priority will be
given to students in HISB27Y Europe
400-1100.

FRI. OCT. 20 — Durham College Lecture
Theatre 8:00 p.m. Admission \$1.00.
Russell Moses, special Assistant to Jean
Cretien, Minister of Indian Affairs and
Northern Development in the Federal
Cabinet, and himself a Canadian Indian,
will speak on the topic: A Canadian
Indian Looks at Minority Problems.

Soccer, Downtown 4:15 p.m., Scarboro-
ugh vs Victoria

APPOINTMENTS AND PROMOTIONS

DIVISION OF SCIENCE

Physical Sciences Group

Astronomy, Assistant Professor, P.G. Martin

- B.Sc., M.Sc., University of Toronto
- Ph.D. (1972), University of Cambridge
- research interests: theoretical aspects and observations of interstellar circular polarization and radiation transfer in dust shells

Chemistry, Lecturer, G. Kwong-Chip

- B.Sc. London University, England
- Ph.D. (1972), Dalhousie University, N.S.
- research interest: exploratory organic synthesis, organometallic compounds, reaction mechanism

Chemistry, Associate Professor, T. T. Tidwell

- B.S. (1960), Georgia Institute of Technology
- A.M., Ph.D. (1963-64), Harvard University
- thesis topic: Highly Branched Molecules (under direction of P.D. Bartlett)
- previously Assistant Professor, University of South Carolina

Chemistry, Lecturer, F. Tsien

- B.S. (1964) University of California Berkely
- Ph.D. (1969), University of Washington
- post-doctoral experience at SUNY at Buffalo, Iowa State University, University of Toronto

Chemistry, Lecturer, R.M. Yealland

- B.Sc., M.A., Ph.D (1967), University of Toronto
- post-doctoral research experience at Applied Physics Institute, Bann, Germany and Institute of Physics, Genova, Italy
- teaching experience at U. of T.

Computer Science, Lecturer, W.H. Enright

- B.Sc., U.B.C.
- M.Sc., U. of T.
- Ph.D. (1972), U. of T.
- teaching and reserach interest is numerical analysis

Mathematics, Assistant Professor, R. Delver

- M.A., Technological University of Delft
- Ph.D. (1971), University of California at Berkeley
- thesis topic: Variational Problems within the Class of Salutions of a Partial Differential Equation

Mathematics, Associate Professor I. Kupka

- Ph.D., IMPA Rio de Janeiro (1965)
- research associate at CNRS, Paris (1959-1960) and at IMPA, Rio de Janeiro (1963-65)
- teaching experience at University of California, Berkeley (1965-70), at University of Montreal (1970-71) at SUNY, Stony Brook (1971-72)

Physics, Professor, H.C. Corben

- see Bulletin, September 8th issue

Physics, Professor, G.D. Scott

- B.A., M.A., Ph.D. (1946), U. of T.
- teaching career at U. of T.
- 1962-69, Associate Chairman, Department of Physics, U. of T.

Physics, Associate Professor, P.A. Griffen

- B.Sc., M.Sc., U.B.C.
- Ph.D. (1965), Cornell University
- formerly Associate Professor, Department of Physics, U. of T.

Physics, Assistant Professor, A.E. Jacobs

- B.A.Sc., U.ofT.
- M.Sc., Waterloo University
- Ph.D. (1968), U. of Illinois
- previously Assistant Professor, Department of Physics, U. of T.

SCARBOROUGH COLLEGE BULLETIN

Number 8

October 20th, 1972

A STUNNING DEBUT

by Specks Tator

Mr. R.S. Blair starred in his premiere as Chairman of the Scarborough College Council last week; gratifying an obviously paid claque with his deft dealing and wry wit.

After a sober greeting concerning the enrolment shortfall, delivered in stentorian tones by our ever-dapper Principal, Mr. Blair turned to the Minutes which, thanks to the ever-flagging efforts of Neil Dobbs, were not available.

Wending next to the Committee reports, Mr. Gooch, hirsute chairman of the General Policy Committee, delivered himself of a lengthy recounting of the decade of meetings the doughty GP had sweated through over the summer. The report was greeted with great favour, save for the section barring the sale of beer in the Meeting Place. John Lee came out in favour of imbibing, especially during hockey games, and his amendment to provide for possible tipping at the indiscretion of the Principal was passed.

The transitory nature of the Transitional Year Programme was briefly but deeply mourned.

The absent Professor Thomas reported in writing on the activities of the Awards and Admissions Committee, and questions were asked concerning the implications of certain sanctions in the event of a fee-strike.



Dean King reported that there was no report of the Computer Committee as it had not met. There was prolonged applause. The Library Committee had not met either, to the relief of many. Professor Harris reported that the Planning and Building Committee had not met since last spring and that various and sundry affairs awaited action on the St. George campus. Dean King (sitting) reported on the Committee on Standing.

Always a stern disciplinarian, the Principal reported on the establishment of a court.

A good time was had by all.

INVITED LECTURER

Paul Ricoeur, famous French philosopher, formerly of the University of Nanterre and now visiting professor of philosophy at the University of Toronto, will give a lecture on *The Concept of Action in Linguistic Analysis, Phenomenology and Political Philosophy* at Scarborough College, in the Council Chamber on Friday, Oct. 27, 1972 at 2:00 p.m.

OPEN MEETINGS

The New Programme Committee (a subcommittee of the Presidential Advisory Committee) under the Chairmanship of Professor Berlyne will be holding weekly, open meetings every Thursday at 4:10 p.m. in Room 3050, Sidney Smith Hall. Any interested person is welcome.



THE FULANI OF NORTHERN NIGERIA

The Fulani of Nigeria are light-skinned non-negroid cattle nomads of the Moslem faith. In fact, they are probably the world's largest nomadic tribe and they inhabit that part of Africa's Western Sudan from Senegal to Lake Chad.

The Fulani highly value cattle: to them cattle are a measure of wealth. The northern Nigerian portion of this tribe alone has approximately 10 million head — roughly six per person. Cattle are their main source of food — their diet consists of dairy products and corn. The future of the Fulani as other pastoral nomads in the world is in jeopardy, for as the world's population grows there is not enough grazing land to feed their cattle. The Government of Nigeria, which is sensitive to this problem, is seeking a solution through a requested loan from the World Bank.

Professor C. Hopen, who has spent three of his five years in Africa with the Fulani, joined other scientists (veterinarians, botanists and economists) in a mission to appraise the situation of these people and to suggest changes to alleviate it. His particular job was to determine the sociological implications of the proposed changes and to design ranch-settlement models to serve as pilot projects.

After returning from Nigeria, the team spent one month in Washington writing a report in which they recommended, among other things, the following improvements: increased water supplies, improved pastures, establishment of veterinary medical centres and medical dispensaries and conversion of existing forest reserves into grazing reserves. At present, the Nigerian Government and the World Bank are negotiating terms for the proposed loan to finance these changes.



The photo above is of a Fulani temporary shelter.

In the summer of 1968, Professor Hopen and Mr. D. Harford travelled in Nigeria to photographically study the activities and the culture of the Fulani and the Hausa (sedentary, agricultural and urban people). After editing, two exciting films *Soro* and *The Market's Edge*, were produced. This summer Professor Hopen showed these films to the Fulani and Hausa some of whom appeared in the films. Since for them the experience was novel, the reaction was hilarious. The movies were also screened on the Nigerian television at Kaduna.

CALENDAR OF EVENTS

FRI. OCT. 20 — Soccer, Downtown,
4:15 p.m. Scarborough vs Victoria College

Durham College Lecture Series. 8:00
p.m. (See last week's Bulletin).

SUN. OCT. 22 — Scarborough College,
Meeting Place, 3:30 p.m. Chamber Players
of Toronto, Director: Victor Martin,
Works by Boccherini, Vivaldi, Glick. Guest
Artist, Christopher Weait, (Principal bas-
soonist with the Toronto Symphony Or-
chestra) will play the Fasch Bassoon
Concerto.

MON. OCT. 23 - Council Chamber, 1:00
p.m. Poetry readings by Alden Nowlan
and Elizabeth Brewster.

TV Wing, Viewing Room "A", 9:00 a.m.
- 5:00 p.m. Film preview of National
Film Board's latest releases: *The Sea*,
City Limits, *Epilogue*, (and others).

Rugger, at Scarborough 4:30 p.m. Scar-
borough vs Trinity "A".

Volleyball, at Hart House, 8:30 p.m.
Scarborough vs New College.

TUES.OCT. 24 — Lacrosse at Hart House
7:30 p.m., Scarborough vs University Co-
llege.

Faculty Lounge, 6:00 p.m., Louis Lefebvre,
Prof. of Economics at York U. and con-
sultant to Chilean government, will talk
about the current economic problem in
Chile. All are welcome.

THURS. OCT. 26 - Football, Downtown
(West) 3:00 p.m., Scarborough vs For-
estry.

Council Chamber, 4:10 p.m. Special
Council Meeting to discuss curriculum.

Volleyball (Women), at Ryerson, 6:30
p.m., Scarborough vs Ryerson.

Basketball (Women), at Centennial 7:00
p.m., Scarborough vs Centennial.

Lacrosse, at Hart House, 7:30 p.m. Scar-
borough vs Dentistry.

FRI. OCT. 27 - Soccer at Scarborough,
4:00 p.m., Scarborough vs School of
Physical Education.

Hockey (Women), at Centennial, 1:00 p.m.
Scarborough vs Erindale.

Rugger, Main Campus, 1:15 p.m. Scar-
borough vs Engineering I.

End of Murray Exhibit.

Room S-128, 3:30 p.m. Prof. J. D. King
will speak on "Spectroscopy or What Phy-
sics is All About". Coffee and cakes are
available at 3:00 p.m. in the Faculty Lou-
nge. All are welcome.

STOLEN: Picture of the Kitt-Peak Na-
tional Observatory, from the Physical
Sciences bulletin board. Would anyone
having knowledge of this photo contact
Professor R. Roeder.

FACULTY CLUB

Reminder: membership fees
are now due for the Faculty Club. Please
send \$10.00 or cheque (made out to
Scarborough College Faculty Club) to
Cathy Pickett, Treasurer.

ACADEMIC ACTIVITIES

Editorial Note:

A brief *curriculum vitae* for each new faculty member has now been printed. In future, this page will feature the academic activities of students and faculty members, e.g., publications, addresses, etc.

I would appreciate receiving information of such activities dating from September 1, 1972.

PROFESSOR P.J. O'DONNELL was an invited participant at the 16th International Conference on High Energy Physics held at the University of Chicago and at the National Accelerator Laboratory, Batavia, Illinois, from September 6th to 13th.

PROFESSOR F.A. URQUHART has published an article in *The Canadian Entomologist*, 104:991-993 entitled *The Effect of Micro-cauterizing the ALPPM ("Gold Spot" of Authors) of the Pupa of the Monarch Butterfly, Danaus P. Plexippus (Lepidoptera: Danaidae)*.

DON FARQUHARSON, a geography student at Scarborough College spent the late spring and summer in the Cambridge Bay area of the Northwest Territories collecting data on land use and occupancy. He froze some toes and earned the name *Iuktuk Kabloona* meaning "the white man who doesn't know better" while travelling with local hunters with whom he became acquainted the year before while in Cambridge Bay on an Opportunities for Youth project. Don will be writing his senior thesis on land use and occupancy in the Cambridge Bay area, work which has some considerable bearing on native land claims in the Canadian North.

CANADIAN POETRY

Mr. Alden Nowlan and Miss Elizabeth Brewster will be reading their poetry at 1:00 p.m., Monday, Oct. 23 in the Council Chamber.

Alden Nowlan is from the Maritimes and Elizabeth Brewster is from the Prairies. Both write eloquently simple poetry reflecting their roots and the viewpoint of their sexes. Both crystallize a mood or a moment of deep perception in their poems and both read them extremely well.

Both poets have had new books published by Clarke Irwin the last few months. Miss Brewster's is called "*Sunrise North*" and follows four other volumes. Last year she was Writer in Residence at the University of Alberta and she has spent this year on a writing sabbatical funded by the Canada Council. Nowlan's latest book of poems is "*Between Tears and Laughter*" and has received excellent reviews across the country. He was awarded the Governor General's Award for his earlier poetry in "*Bread, Wine and Salt*" and "*The Mysterious Naked Man*".

SUNDAY AFTERNOON CONCERTS

On Sunday October 22, at 3:30 p.m. Scarborough College will resume its traditional series of Sunday Afternoon Concerts with a performance by the Chamber Players of Toronto. Victor Martin will conduct works by Bocherini, Vivaldi and Glick. Christopher Weait, the principal bassoonist with the Toronto Symphony Orchestra, is featured in the Fasch Bassoon Concerto.

This is the first of nine concerts of our Fall series, which will include an opera by Purcell (October 29), a recital by the renowned German harpsichordist Franzpeter Goebels, performances of Christmas Music by the Canadian Chamber Orchestra (December 10) and the Scarborough Chamber Choir (December 17) and a variety of chamber groups and soloists.

SCARBOROUGH COLLEGE BULLETIN

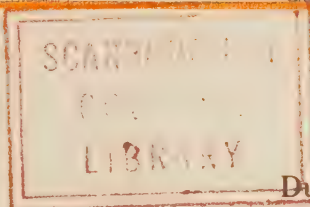
Number 9

October 27, 1972

A BIRTHDAY PARTY

By H.C. Corben

From September 17th through September 25th, several hundred physicists gathered at the International Centre for Theoretical Physics at Trieste to celebrate Professor P.A.M. Dirac's seventieth birthday, and to join in a symposium on "The Development of the Physicist's Concept of Nature". In a paper called "The Quantum Theory of the Electron, 1" Dirac's historic equation of quantum mechanics was communicated to the Royal Society of London on January 2, 1928. In the preceding two or three years Heisenberg and Schrodinger, with the help of others, including Dirac, had founded and developed the principles of quantum mechanics, and in this paper Dirac showed how the new quantum theory could be united with the twenty-year-old theory of relativity into what has turned out to be the most accurate physical theory ever conceived. Since that time nothing so basic as a central truth of physics has been uncovered. Chemistry, engineering and philosophy have also been widely affected by the knowledge, technology and ideas arising from the principles of quantum mechanics, and even the fundamental biological process of DNA replication may be partially controlled by effects than can be described only by the quantum theory of the electron.



During the conference, unsolved problems in many areas of physics were reviewed, with one eye to the history and the other to the future. Dirac told us that further progress will not be achieved until we "give up our prejudices" while admitting that none of us knows what these are. The search for basic laws has now moved from the electron to the atomic nucleus and its constituent particles. We do not know if understanding at this level will require a modification of some essential parts of the theories of relativity and quantum mechanics themselves, or whether, as we are attempting to do at Scarborough, we should learn how to improve on Dirac's forty-five-year-old synthesis of the two theories without changing either one.

In 1922, as in 1972, basic physics was a host of half-correct notions and partially explained facts, but during the next decade it all came together with the theory of the electron. We believe that a similar understanding of the other elementary particles will be achieved but we are unable to predict when it will be.

ENROLMENT

On Friday, October 20 there was an enrolment of 2187 full-time students and 1125 part-time students in 1438 full-course equivalents.

ASTRONOMY FOR NON ASTRONOMERS

Astronomy A03Y is a course designed to acquaint students majoring in the Social Sciences or in Humanities with a branch of science that is becoming increasingly more important in their lives.

The course begins by describing the early advances of Astronomy and its impact on the thinking of the people of the times. In this respect, Professor M.E. Irwin (Classics) spends a number of lectures outlining the contributions of the Romans and Greeks and the effects of astronomy on their philosophy and daily lives. Professor P.P. Kronberg (Astronomy) then relates the subsequent developments in the concepts of the universe and the relationship of these ideas to the conditions of the times: the connections between the Renaissance and Copernican Revolution, the discoveries of Galileo, the laws of Kepler and Newton.

At the end of the course some lectures are devoted to exploring the various interrelations between current technology and both space and ground-based experiments. Some possible economic and political consequences of the space effort are discussed. (For example, Professor Tayyeb gave a lecture last year on the implications of space explorations from the viewpoint of a political geographer). This is a topic of relatively recent interest in which a number of journal articles have been written, and to which new university faculties in some western countries have addressed their efforts. (An example is the School for Liberal Studies in Science at University of Manchester, England).

Interest in this course is significant: there are approximately 80 students enrolled this year and there were 70 students last year, the first time the course was offered.

BRITISH OPEN UNIVERSITY

by Karen Henderson

The British Open University is a U.K. government experiment in higher education. Now in its third year, it offers the means by which "everyman" can obtain a university education on a part-time basis. The courses consist of home study, supplemented by visits to a tutor. These tutors are located in universities (in towns where there is a university) and at designated places in other towns. The science student also gets a chance to spend a week in the summer at a university in a real lab situation.

The home study programme consists of watching T.V. tapes, listening to radio programmes, reading lessons and completing assignments (which are mailed into regional centres for assessment) and, in the case of science courses, performing experiments with mini-home laboratory kits. The cost to the student is nominal.

We have on display in Studio 3 of the T.V. wing a collection of British University items that pertain to the Science Foundation Course (a fundamental course in chemistry, physics, biology and geography) - films, audiotapes, books, and the home laboratory kit. Come and have a look at them, anytime between 9:00 - 5:00 for the next week or so.

SOCCKER RESULTS

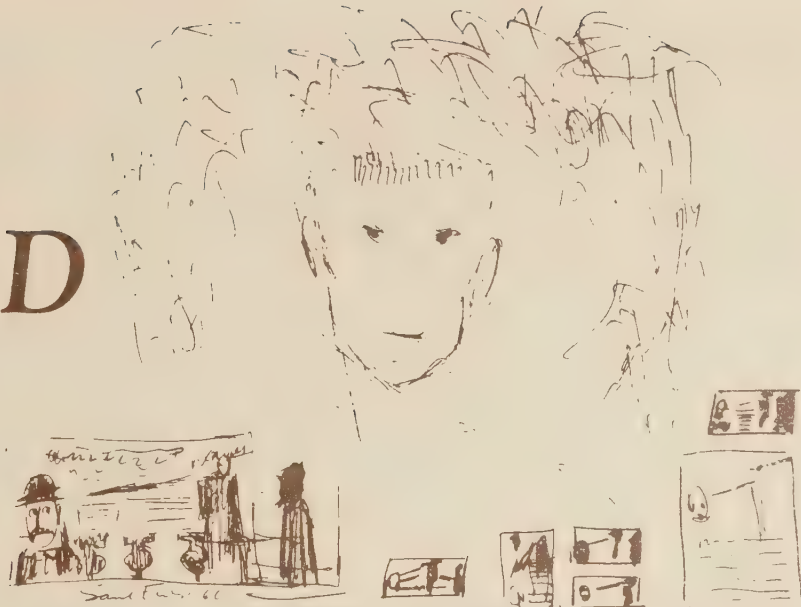
Thurs. Sept. 28 — Vic. 3, Scar. 0; Tues. Oct. 3 — P.H.E. 2, Scar. 1; Thurs. Oct. 5 — St. Mikes "A" 3, Scar. 2; Thurs. Oct. 12 — Erin. 3, Scar. 2.

FOOTBALL RESULTS

Thurs. Oct. 5 — Trin. 0, Scar. 9; Fri. Oct. 13 — Meds. 31, Scar. 0.

SAUL FIELD

engravings



November 1 to 30 Ulysses & Finnegans Wake at Scarborough College

TELEVISION FILLS THE GAP

by Bill Somerville

Television or films can be a good substitute if you cannot attend a class in person due to sudden illness, car problems etc. The IMC has a large variety of pre-recorded programs on a great number of subjects. By calling the office before 5:00 p.m., we can, quite often, suggest a program and play it to your class in your absence. This service is particularly useful for evening classes, where often the student has come out to the College for a single class, only to learn by a note on the blackboard "class cancelled". How frustrating!

An introduction could be pre-recorded outlining or assigning specific details to observe in the following program etc. The assembled package could be kept in the library in case of emergency.

For programs and playbacks, call Norma Mulgrave (Ms.), extension 3242.

SEE YOURSELF AS OTHERS SEE YOU

The IMC at Scarborough College has just acquired a very portable Television Camera (7" x 12") and Videotape Recorder (22" x 18"). It is now possible to record a lecture or seminar without disturbing the class with lights, large tripods and cameras, technicians etc. One person can do the complete recording! In fact, one of your own students could operate the equipment once it has been set up.

If you are interested in self-evaluation or would just like to "see yourself as others see you", give me a call. Bill Somerville, extension 3232.

PLEASE NOTE:

In order to be included in Friday's issue, contributions to the *Bulletin* should be sent by Tuesday, 5:00 p.m. (of that week) to M. Bradshaw, Assistant to the Principal.

ACADEMIC ACTIVITIES

PROFESSOR SPARROW is one of a group of ten geographers across Canada studying the careers of geography graduates over the past twelve years. The Canadian Association of Geographers Careers committee is chaired by Romain Paquette of the University of Sherbrooke and Professor Sparrow is one of Ontario's three committee members — the other members being Professor R.G. Cecil of the University of Western Ontario and Professor F. Helleiner of Trent University.

The committee is studying the past employment situation using a questionnaire survey which has brought responses from over 1700 graduates (of whom over 60 per cent came from Ontario). The Committee will publish its findings early in 1973 it is hoped. Preliminary results were discussed last week at the ACFAS meeting in Ottawa. A continuation of the project will investigate the potential market for geographers in both traditional and "new" fields of employment for the next ten years.

PRINCIPAL D.R. CAMPBELL gave the address at the fall convocation of Ryerson Polytechnical Institute on October 21. His talk was titled "The Search for Relevance".

CALENDAR OF EVENTS

FRI. OCT. 27 — Hockey (Women), at Centennial, 1:00 p.m. Scarborough vs Erindale.

Rugger, Main Campus, 1:15 p.m. Scarborough vs Engineering I.

Room S-128, 3:30 p.m. Professor J.D. King will speak on "Spectroscopy or What Physics is all about". Coffee and

cakes are available at 3:00 p.m. in the Faculty Lounge. All are welcome.

Soccer, at Scarborough, 4:00 p.m., Scarborough vs School of Physical Education.

End of Murray Exhibit.

SUN. OCT. 29 — Scarborough College, Meeting Place, 3:30 p.m. The Unisingers, Staging of Henry Purcell's *Dido and Aeneas*. Accompanied by the Anamark Quartet and the University of Toronto Contemporary Dancers. Conductor: Terence Seaman.

MON. OCT. 30 — Lacrosse at Hart House 9:00 p.m. Scarborough vs Physical Health Education "C".

Volleyball (men) at Hart House, 9:30 p.m. Scarborough vs Pharmacy.

TUES. OCT. 31 — Room H-309, 3:00 p.m. Dr. T.F. Carney, Professor of History at the University of Manitoba, will give a lecture entitled *Economics in Antiquity: Which Model?* All are welcome.

Soccer, Main Campus, 3:00 p.m. Scarborough vs St. Mike's.

Volleyball (women) at Ryerson, 7:00 p.m. Scarborough vs Ryerson.

WED. NOV. 1 — Football, downtown (east), 3:00 p.m. Scarborough vs University College

Volleyball (women), Ryerson, 6:30 p.m. Scarborough vs Trinity

Hockey (men) I, at Varsity, 9:30 p.m. Scarborough vs Dentistry.

FRI. NOV. 3 — Soccer, at Scarborough, 3:00 p.m., Scarborough vs Erindale.

Hockey (men) II, at Varsity, 3:45 p.m. Scarborough vs Law II.

SCARBOROUGH COLLEGE BULLETIN

Number 10

November 3, 1972

EIGHTEENTH CENTURY STUDIES, ANYONE?

On October 20 and 21, the McMaster Association for Eighteenth Century Studies held its first symposium of the year with "City life in the eighteenth century" as its theme. It is a pity that this symposium was so poorly attended by members of the U. of T. Faculty, considering that this University is so well endowed with resources (both people and books) precisely in this domain. (I did not meet a single U. of T. type, although many colleagues from Western, Queen's, and American universities attended).

The program was rich and varied, ranging from "Piranesi's impressions of Rome" on the one hand, enhanced by an exhibition of his prints in the University's art gallery, to the economic history of Madrid in the eighteenth century on the other, with somewhere in between a paper on Samuel Johnson's (and London's) bathroom habits, a most fundamental exposé by Professor James Clifford of Columbia President of the American Society for Eighteenth Century Studies.

Perhaps the high point of the symposium came with the performance by the Czech String Quartet of a Mozart and a Beethoven quartet in the Hall of the Faculty Club, a fine setting for chamber music.

SCARBOROUGH
COLLEGE
LIBRARY

From the foregoing it must be obvious that the stress falls on the interdisciplinary nature of the Association and its programmes, capable of appealing to a broad section of the academic community. Anyone who is unaware of the work of this organization so close to home and who wishes to be enlightened is invited to call me.

Peter Moes

PLATO'S SYMPOSIUM

PHLB65F is hosting a reading of Plato's *Symposium* Friday night, November 24. There is room for a few guests, and anyone who would like to attend is invited to drop a note to Paul Gooch within this week. If you would like to take part in the actual reading, please add that to your note.

PRINTING WORKSHOP

For those who are interested in participating in the Printing Workshop, there will be an informal meeting at 12:00 noon on Tuesday, November 7 in the alcove of the Meeting Place.

INTERNATIONAL MONETARY FUND

by L. Tarshis

Instant History - by which I mean writing about developments before the dust has settled - has its perils; I suppose that is why professional historians even when they offer something labelled "modern" rarely come much closer to now than the end of the First Great War. Economists cannot afford that luxury; since they have to suggest policies for here and now, they are often required to appraise developments up to no more than a few micro-seconds earlier.

Thus, with certain forebodings let me write a bit of history, several decades too soon. An important contributor to the economic expansion and quite general improvement in the material well-being of residents of the "developed" economies of the West were the International Monetary Institutions which came into being with the implementation of the Bretton Woods Agreement soon after 1945. From then until mid-1971, trade amongst these countries expanded a good deal faster than did production, as obstacles to this trade were gradually lowered. There was at least as rapid a growth in international capital movements which, believe it or not, also contributed to this general growth in economic well-being. And though the mechanism creaked badly from time to time - balance of payments woes, exchange rate crises, gold drains, and so on - it nevertheless provided enough stability and expectations of continued stability to lubricate the system adequately.

By August 1971 the whole system was in a state of collapse - partly battered down by French and German unreadiness to accept its full implications and partly destroyed by a drive toward protectionism engineered by U.S. interests operating through the Treasury Secretary of the time. In my judgement, these efforts were misplaced; all countries (Canada not least)

have already been injured by this destruction and the prospects are for still more difficulties in the months ahead. The situation is the more serious because those who were party to the destruction of the old system had nothing ready to put in its place.

That they were unready has not, naturally, stopped them from strong expressions of confidence with each very minor step taken towards the development of a new system. President Nixon, always prompt to eulogize anything done officially during his own term of office, characterized the Smithsonian Agreement signed at the beginning of 1972 as "Perhaps the most significant agreement in this field ever..." Its terms were breached within three months. And several months later before the International Monetary Fund President Nixon proclaimed the need for a thoroughgoing revision; the French and Germans, agreed as to this need for drastic action but naturally disagreed with each other (and U.S. and almost everyone else) as to the nature of the actions required. It is now recognized rather broadly that the world - (this means, the advanced countries of the West) - is no more than at the beginning of the beginning in formulating a new system.

There can be no question as to the importance of these issues. Just as the discarded mechanism made a substantial positive contribution to economic well-being, so too would an inadequate mechanism be likely to injure the material interests of very many people.

It is too early at this stage to state whether what is finally evolved will be helpful or not. But two things are clear: until something like a new set of institutions becomes operational, we can expect a succession of mini-crises, with occasionally a real explosion in international money markets. Such developments are bound to hurt all the economies of the

"West", and particularly the less developed ones. Secondly, up to now, the schemes that I have read about seem to be very well designed to cope with the kind of problem arose during the 1930's and 1950's. I am not at all satisfied that any of them would help materially for the 1970's. The real tragedy of the last 18 months, is that the mechanisms that were so brutally scrapped beginning in the spring of 1971, were evolving so that they could have made real contributions.

Moral: There is a real lesson to be learned. The matters I have focused on here are decidedly technical and very important. They are too technical to be left to Central Bankers, whose expertise lied elsewhere; they are too important to permit us the luxury of allowing the decisions we take to be influenced by political considerations or by reference to the interests of particular groups. Unfortunately, that implies pessimism, at least to me.

LAWRENCE HOUSE Musician-in-residence

During this year I hope to help establish music as part of the cultural atmosphere of Scarborough College and thus make it a more exciting place for you, the student. I hope that all interested students will feel free to call upon me (my office is H507A) to discuss any ideas or questions.

I will shortly be organizing the group for the Advancement of Music at Scarborough for students interested in the performance of music, the listening experience or the promotion of one of the great creative achievements of mankind. I particularly urge any students interested in forming chamber music groups to call upon me for help in their organization.

I will also be presenting several lecture-concerts both by myself and with guest artists. These will be open to students and faculty.

To the faculty, I invite you to ask me to visit any class where the subject of music may arise. Such classes can, of course, range from philosophy to physics. Please phone 3146 or 3304 to arrange a time..

A POOR SHOWING by Specks Tator

It was a bad week: the Argos lost and the Special Meeting of College Council to consider Long-Term Curricular Proposals was a farce (following hard on the *commedia dell'arte* of General Policy last Wednesday).

After a frustrating twenty minutes waiting for a quorum to assemble itself, Mr. Blair convened Council to listen to the proposals of the Curriculum Committee, the "notorious author" of the report being Mr. Arthur Sheps.

Mr. Blair inquired into the relationship between these deliberations and those of the Presidential Advisory Committee to consider the New Programme. Professor Salus, obese chairman of the Humanities Division, proceeded to inscrutably obscure the points in the Report. Professor Forrin was unreasonably unclear as to the meaning of practically everything and most people found Mr. Forrin unclear as well.

There was much discussion of "requirements" and "freedom". Professor Lee produced a poor metaphor concerning the filling of students with knowledge like wineskins. He was in favour of freedom and responsibility. Others were in favour of requirements and responsibility. Members of council began to leave.

After nearly two hours it was brought to Mr. Blair's attention that there was no quorum present. The game was called for lack of interest.

A tedious time was had by very few.

CALENDAR OF EVENTS

FRI. NOV. 3 — Room H214, 12:10 p.m. Professor Philip Wagner from Dept. of Geography, Simon Fraser U., will give a lecture on "Concepts of Environment - space and place". All are welcome.

Soccer, at Scarborough, 3:00 p.m. Scar. vs. Erin.

Hockey (men) II, at Varsity, 3:45 p.m. Scar. vs Law II

SUN. NOV. 5 — Meeting Place, 3:30 p.m. Franzpeter Goebels in Recital: a program of music, old and new for the harpsichord.

MON. NOV. 6 — Faculty Lounge, 4:00 p.m. Ray MacLaren, a Vice-President of Massey-Ferguson Ltd., will speak about the multi-national corporation. All are welcome.

Volleyball (men) at Hart House, 8:30 p.m. Scar. vs Law

TUES. NOV. 7 — Room S-128, 1:00 p.m. Dr. David Schindler, Research Scientist in charge of Experimental Lakes (Eutrophication) Project, Freshwater Institute, Canada Centre for Inland Waters, Winnipeg, Manitoba, presents "An Experimental Whole System Approach to Limnology".

Basketball (women) Benson Bldg. 7:00 p.m. Scar. vs Eng.

Hockey (men) I, Varsity Arena, 7:30 p.m. Scar. vs U.C.

Basketball (women) Benson Bldg. 8:00 p.m. Scar. vs Meds I

Hockey (men) II, Varsity Arena, 8:30 p.m. Scar. vs Music

WED. NOV 8 — Soccer, Downtown, 1:00 p.m. Scar. vs Eng.

Council Chamber, 4:10 p.m. General Policy Meeting.

Hockey (men) III, Varsity Arena, 4:30 p.m. Scar. vs. Vic.

Lacrosse at Hart House, 7:30 p.m. Scar. vs Dents.

THURS. NOV. 9 — Salle S-143, à 15 heures et à 17 heures, Un film de Lelouch, *Un Homme et une Femme* (1966) avec Anouk Aimé sera présenté en français. Bienvenue à tous.

Rugger, at Scarborough, 4:00 p.m. Scar. vs P.H.E.

FRI. NOV. 10 — Hockey (women) Centennial Arena, 1:00 p.m., Scar. vs Trent.

Faculty Lounge, 3:00 p.m. Faculty "Beer In". \$.50 per person.

Hockey (men) I, at Varsity, 8:00 p.m. Scar. vs Meds A.

POETS ON FILM

The IMC at Scarborough College, on Tuesday October 24th, in Studio 1, recorded another two programmes in the series "Contemporary Canadian Writers". In the first, the poet Alden Nowlan in conversation with Glen Ellis, talked about the genesis of his poetry, his work today and directions in which his poetry is moving. He read several poems including *The Married Man's Poem*, *X-ray*, *The Mysterious Naked Man*, *Playground*, *Fair Warning* and *He Grows In Understanding*. After the reading, Mr. Nowlan and Mr. Ellis discussed a number of poems.

The second is an interesting dialogue between Miss Brewster and a Scarborough College Student. John Argiropoulos and Miss Brewster discussed her development and influences through a reading of her poetry from various periods

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November 10, 1972

RESEARCH IN THE NORTH

In mid-October the Government of Canada called a seminar at Mont Gabriel near Montreal to receive recommendations from representatives of industry, government and academia in regard to scientific activities in northern Canada. Among the invitees was Dr. Karl E. Francis from the Department of Geography and Scarborough College, who was sponsored by the Indian Brotherhood of the Northwest Territories. One of the recommendations put forward by Dr. Francis, that there be an immediate program to determine the actual and perceived land use and occupancy of the native people of the Northwest Territories, was advanced by the Seminar and submitted to the Government as a matter of great urgency.

Continuing research on land use and occupancy in northern Canada under the supervision of Dr. Francis has established the feasibility of an extended program of research under the general management of the native organizations of the Northwest Territories. A peculiar but essential component of this work is the involvement of non-professional staff in the design and conduct of the research. A carefully selected professional staff works under the direction of local persons holding traditional stature in their communities. The project involves few southern people and then largely in technical rather than managerial capacities.

This work has the strong support of the industrial sector because it is viewed as a basis for the settlement of land use conflicts and the establishment of political stability in the north.

Among other recommendations put forward at Mont Gabriel by Dr. Francis was that there be a good deal less research on the north than there is at present, that all social science research be on invitation of the people of the north, that the wisdom of northern people be heard in matters of research and of policy, and operations in order to better evaluate the effect of these intrusions on northern life.

Dr. Francis also spoke in support of a proposal by Paul Robinson of the Government of Northwest Territories that the results of the seminar be made known throughout the north and expanded that proposal to suggest that a mechanism be set up by which the people could respond to the plans in store for them.

READING LISTS FOR THE LIBRARY

We would like to remind faculty members that reading lists for spring courses should be sent to Collection Development before December 1st, 1972.

LEARNING BY SUGGESTOLOGY

by W.J. Bancroft

In Sofia, Bulgaria, at the Research Institute of Suggestology headed by Dr. George Lozanov, yoga techniques of relaxation have been combined with the Mauget oral method and traditional approaches to produce a unique system for the teaching of foreign languages. Dr. Lozanov is a medical doctor, parapsychologist and language theorist. His colleagues, who are experts in foreign language teaching, have elaborated the practical aspects of the method, called Suggestopedia. (Suggestopedia is one of a number of teaching methods based on relaxation currently being developed in Eastern Europe; the Soviet version is called Relaxopedia). Languages taught at the Institute include: French, English, German and Italian.

Suggestopedia requires no special apparatus. In a pleasant classroom, with soft lighting, twelve students sit in comfortable, specially constructed chairs in front of a teacher who has been individually trained in the foreign language and in "suggestion". ("Suggestion" includes psychology and the dramatic arts and enables the teacher to elicit by word and gesture the maximum response from each student and from the group as a whole). Classes last from three to four hours per day and meet six days a week. Each of the three courses in a given foreign language lasts a month. During the initial course, students are required to memorize 3,000 word-groups and corresponding grammar.

A class session consists, essentially, of three parts: (a) review of previously learned material; (b) presentation of new material in the form of dialogues and situations based on "real life"; (c) the so-called "séance" during which the students relax in their chairs and breathe deeply. During the "séance", the new material is reinforced by techniques re-

sembling those of the television commercial: coordination of sound and image; different intonations and rhythms in the repetition of the word or phrase; a background of calm, pleasant music; the acting out of the text.

Dr. Lozanov and his colleagues have found that their system speeds up the assimilation of a foreign language and that, because of the "relaxation" session, students feel little or no fatigue after a four-hour class. Vocabulary and grammar are "absorbed" without the intense effort normally required for memorization. Students are able to converse easily and can apparently recall their verbal knowledge on tests administered up to a year after a given session.

Dr. Lozanov came to Scarborough College in March, 1971, to discuss the work of his Institute. His method is being researched in Moscow as well as in East Berlin and Budapest. Rumour has it that the Canadian government is actively investigating the Lozanov method and that Dr. Lozanov may be coming to Canada next March for a return visit.

Professor Bancroft was one of those responsible for arranging the Lozanov visit in 1971. An R.C.M.P. investigation followed. She went to Bulgaria for a Suggestology Symposium in June, 1971, where, among other enterprises, she read a paper on Pygmailion and conducted an English class in the Institute of Suggestology for Bulgarian cameras. In August, 1972, when not in the appropriate libraries in Paris doing more conventional research, she was in Budapest interviewing linguists and occultists and trying to locate Suggestopedia researchers. As a result of this sojourn in Hungary, she can now report the existence, not only of hypnopedia or sleep-learning, suggestopedia and relaxopedia, but also of a new method, "hypnosopedia", based on hypnosis. It seems unlikely that the Canadian government will investigate the last-named method.

sculptors' society of canada



Forty-one pieces of sculpture on display until November 27.

Meet the artists on Monday and Tuesday the 20th and 21st from 2 until 6, Wednesday the 22nd from 7:30 until 9:00 in the Meeting Place alcove.

DANCE AND BUFFET

The Service Employees Union is sponsoring an evening of dancing on December 2 from 7 p.m. to midnight. The price of admission is \$4.50 per person (with all proceeds going to the Childrens Christmas Party) and includes Tony's famous buffet, dance music selected by a popular disc jockey and various prizes. There will also be a bar.

Tickets can be purchased from the following bus drivers: George Arthur, Jack "Mac" MacDougall, Jim Wainwright (284-3272). Everyone is welcome.

OPEN HOUSE Faculty of Food Sciences

The Faculty of Food Sciences, U. of T., is celebrating its 70th birthday with an open house on November 10 and 11 in the Lillian Massey Bldg., 157 Bloor Street West. Of the wide array of displays, the following are a few: high protien food exhibit, food additives, convenience foods, food microbiology, development of fibres from 1902-1972, "fibres-in-crime" exhibit, etc.

DESIGN AWARD

Scarborough College has won a Design Award, the first such award sponsored by the Scarborough Planning Board. The presentation will be made at a dinner at the Scarborough Golf and Country Club on November 16.

CREDIT UNION by I.A. MacDonald

In these days of creeping inflation and rising cost-of-living, it is important to have a financial security plan which will ensure that money is available for family needs when required. A plan should include a ready cash account, adequate insurance and investments. An alternative to the traditional bank or trust company, is your credit union where you are not a customer, but a member-shareholder. Your credit union offers you the same professional money management, plus. If you are not already a member, speak to one of the College representatives of the University of Toronto Employees Credit Union Limited: Mrs. May Logsdon, 3271; Mr. I.A. MacDonald, 3131; Mrs. A. McCullough, 3302.

ACADEMIC CALENDAR

FRI. NOV. 10 — Faculty Lounge, 3:00 p.m. Faculty "Beer In", \$.50 per person.

SUN. NOV. 12 — Meeting Place, 3:30 p.m. Canadian Wind Consort. Serenades and Marches for Oboes, Horns and Bassoon with Christopher Weait, Eugene Rittish and Melvin Berman. World Premiere of a commissioned work by Keith Bissell. (Other works by Händel, J.C. Bach, C.P.E. Bach).

WED. NOV. 15 — Room S-319, 3:30 p.m. Dr. Ian Sussex Department of Biology, Yale University, New Haven, Connecticut, presents "Bean Embryo Development, Biochemical and Cytological Events".

LAWRENCE HOUSE, MUSICIAN IN RESIDENCE

Lawrence House was born in Toronto, Canada. Following studies with Robert Nagel, Carmine Caruso, Bulent Arel, Mel Powell, Gunther Schuller and Darius Milhaud, he has had a varied musical career as a professional trumpeter, most notably as a soloist and chamber music player where he has more than twenty first performances to his credit in both the United States and Canada. Composers who have written works especially for him include Murray Adaskin, Frank Bennett, Steven Gilbert and Timothy Sullivan. Mr. House is also active as a composer (member of CAPAC), as well as a popular lecturer and clinician.

SPORTS SCHEDULE

FIR. NOV. 10 — Hockey (women) Centennial Arena, 1:00 p.m., Scar. vs Trent. €

Hockey (men) I, at Varsity, 8:00 p.m. Scar. vs Meds A.

MON. NOV. 13 — Basketball (women) at Glendon, 7:00 p.m. Scar. vs Glendon.

WED. NOV. 15 — Hockey (men) I, at Varsity, 7:30 p.m. Scar. vs New I.

Hockey (men) II, at Varsity, 8:30 p.m. Scar. vs Knox

THURS. NOV. 16 — Volleyball (men) at Hart House, 8:00 p.m. Scar. vs Eng II.

FRI. NOV. 17 — Hockey (women) at Cornell U. Scar. vs Cornell U. (Tournament)

SPORTS RESULTS

MON. OCT. 30 — Volleyball (men) Scar. vs Pharm., 15 to 12 and 15 to 8. Lacrosse, Scar. vs PHE"C", 5 to 1.

TUES. OCT. 31 — Soccer, Scar. vs St. Mikes, 2 to 1.

WED. NOV. 1 — Football, Scar. vs U.C. 6 to 20. Hockey, (men) I, Scar. vs Dents., 2 to 4.

FRI. NOV. 3 — Hockey (men) II, Scar. vs Law, 0 to 2.

MON. NOV. 6 — Soccer, Scar. vs Erin., 2 to 2. Volleyball (men) Scar. vs Law., 15 to 13 and 16 to 14. C

SCARBOROUGH COLLEGE BULLETIN

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November 17, 1972

EUTROPHICATION OF LAKES

by C. Sparling

The talk by Dr. D. Schindler "An experimental whole ecosystem approach to limnology" on November 7th was the first in a series of talks by distinguished visiting scientists planned by the Life Science Division of Scarborough College. Dr. Schindler is project leader of the Eutrophication Section of the Freshwater Research Institute at Winnipeg, established by the Fisheries Research Board of Canada in response to the report of the International Joint Commission (December 1965), which recommended studies on sources and nature of pollutants in lakes and on means of solving the pollution problems.

Eutrophication of lakes is now a familiar problem in all parts of the world. It may be defined as "nutrient pollution" and is the biological response caused by massive inputs of man derived nutrients to lakes. The objectionable aspects include the appearance of massive growths of algae, deoxygenation and other changes which lower the water quality for resource and recreational use.

Instead of relying on laboratory experiments and long term observational field studies, the FRB selected a series of remote lakes near Kenora, Ontario and began artificial nutrient addition experiments, eg., one lake was regularly dosed with known amounts of phosphate and nitrate. Within a year, a typical eutrophic

lake resulted, with pea-soup coloured water, thick with algae.

Other experiments have provided evidence that phosphorus derived from phosphate rich detergents is the chief substance responsible for the observed eutrophication of our lakes. Naturally, detergent companies prefer an alternative theory, and, supported by a handful of scientists this group claims that organic matter in sewage is primarily to blame. Utilization of this organic matter by bacteria releases carbon dioxide which stimulates growth of algae. This "carbon" theory of eutrophication has been discredited by Dr. Schindler's group. Using a sophisticated radon technique it was demonstrated that carbon dioxide invasion from the atmosphere into the lake is sufficient to support large populations of algae, provided phosphorus and nitrogen were abundant. Without these two essential enrichments, addition of organic matter (sucrose was used in one of the lakes) alone did not result in eutrophication of the lake.

Another very significant finding is that a lake disturbed by artificial periodic nutrient enrichment returns to its original condition if the process is discontinued. Eutrophication is therefore reversible, at least in the early stages. Steps to divert sewage from lakes or strip it of nutrients can be expected to result in rapid improvement of water quality.

STRUCTURED PROGRAMMES

The article below was presented to College Council by eight students on November 1 and argues against structured programmes of courses. The article following it, entitled "Humbug" is Professor Patenall's criticism of the students' proposal.



While it is probably a good idea to encourage students to choose a cohesive and recognizable program, to have such an idea made mandatory would be detrimental to the best interests of the college. Not only would such a move prove discriminatory, but it would also give the college the "factory-assembly-line" image as is now possessed by the community colleges.

This college should not be career oriented, education and regimentation are not and should not be synonymous. By all means we should encourage those individuals who know their future, who have chosen their life's course, for they are rare indeed. However, we must also accommodate the traditional "liberal arts" student, that individual who chooses to invest three or four years of his life, not in some specific telescopically focused program, but rather, in a general pursuit of knowledge and culture. Those are mainstays of our society, such that students graduate, not as a specialist in this or that, but as a human being who knows a little more about his world, in short, a renaissance man.

HUMBUG or OH GOSH, COPERNICUS, YOU MEAN THE MOON ISN'T MADE OF CHEESE?

The document put to Council on 1 November concerning Specialist Programmes and signed by the President and seven other members of the Student's Council cannot pass unchallenged. I should say at once that I can comfortably overlook the crass illiteracy of the document - an inability to spell, a shattering ignorance of the basic principles of Modern English syntax, a failure to sustain even rudimentary logical coherence, and a plethora of non sequiturs and vacuous rhetorical postures: ("This college should not be career oriented, education and regimentation are not and should not be synonymous.") But I refuse to overlook some of the glib and arrogant assumptions that lurk behind the fabric of the paper.

The first concerns Community Colleges: The colleges are apparently endowed with a "factory-assembly-line" image that, we are told, the college must strive to avoid. Having taught in a College of Applied Arts and Technology in the United Kingdom, and having in the past four years come into fairly close contact with Toronto's Community Colleges I feel qualified to object to this sneering and easy slur in the strongest terms. The authors' vanity in this matter seems to embrace the old canard that as "university material" university students are both qualitatively superior to, and qualified to heap contempt on those who elect vocational training. I had thought that this evaluation of community colleges existed only in the minds of a few, usually elderly, bigots who, like withered apples, linger on in the Faculty of Arts and Science. For such a remark to appear

over the signature of among others, the President of our Student Council is (sigh!) ominous. Apart from the practicability and desirability of vocational training - which I hope is beyond question - I sincerely suspect that at this time these Community Colleges are doing a better job of vocational training than we in the universities are doing of intellectual training.

This brings me to the second issue: the paper defends the liberal arts student as the true "Renaissance Man", which is a gallant but futile attempt to make a very silk purse out of a very sow's ear. This struck me keenly when, in a late afternoon seminar (Renaissance literature, no less) on the day following the Council meeting, one of the signatories of the document strolled into the class twenty-five minutes late, evidently the worse for drink, stinking like a brewery, and carrying a foam cup of beer. Presumably, our new Renaissance Man of Scarborough College feels that illiteracy can be gilded with liquor and make him in some mysterious way more "complete". I would remind the authors of this appropriately yellow document that the legendary Renaissance Man was not simply a good time guy who studiously avoided learning much about anything - known as keeping an open mind by the liberal arts student; instead, this mythical creature combined such antique virtues as courtesy, humility, and industry - qualities which for a variety of reasons I would sooner find in Community Colleges than in Scarborough College. This Renaissance Man could be and often was a specialist who while laying the first bricks of a new science would have the wit and compassion to relate his subject to other fields of human

enquiry. To reject structured courses of academic pursuit on the grounds that they would compromise one's ignorance, one's development as a Renaissance idiot, is a piece of drivelling anti-intellectuality. The Student Council paper may be termed, legally, "an indignity offered to the dead": to Turner the botanist, to Harvey the doctor, to Napier the arithmetician and even to Harold Innis of Toronto, who provided a model to which the generalist could do worse than aspire.

Andrew J.G. Patenall

CERTAINLY A HAPPENING!

by Specks Tator

Well! Last week's meeting was certainly a change! Just imagine: Prof. Salus in a necktie, a lovely floral rose-coloured affair. And right beside him, Mike Manford in a shirt of almost the same adorable hue! Just gorgeous, simply gorgeous!

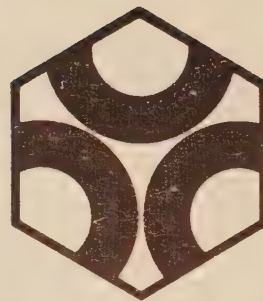
Our bearded chairman of General Policy was resplendent in a suit, and not even the motley garb of other members of the committee besmirched the lustre of the occasion. It was really grand.

There was discussion of a great many things. I'm sure that most of them were of real importance, but, my dears, what can one say about the text of the brochure produced by Messrs. Lee, Moray and Corbett, or about the dismal state of the budget when surrounded by sartorial splendour.

A good time was had by all.

ACADEMIC ACTIVITIES

PROFESSOR ALI TAYYEB presented a lecture entitled "Oil and Economics in the Middle East" to the Conference on the Middle East - Background for Teachers, organized by the Division of University Extension and the Department of Islamic Studies, on November 11th, 1972.



PROFESSORS E. MENDELSON (Mathematics, Scarborough) and H.S.M. COXETER (Mathematics, Main Campus) will be appearing on a CBC programme called "Ideas", on Monday, November 20 at 10:03 p.m. on CBL FM. They will be discussing "Symmetry in Mathematics".

SPORTS SCHEDULE

TUES. NOV. 21 — Hockey (men) I, at Varsity, 7:30 p.m. Scar. vs Trin. A.

THURS. NOV. 23 — Hockey (men) II, at Varsity, 5:30 p.m. Scar. vs Grad A.

Hockey (men) III, at Varsity, 9:30 p.m. Scar. vs Indust. III.

FRI. NOV. 24 — Basketball (women) at Glendon, 2:00 p.m. Scar. vs Glendon.

Basketball (men) at Hart House, 4:00 p.m. Scar. vs U.C. II.

A REMINDER

Students, staff and faculty are reminded that lunch and dinner dishes should be deposited on the racks provided. Please do not leave soiled dishes in offices, student lounges or the Faculty Lounge.

ACADEMIC CALENDAR

SUN. NOV 19 — Meeting Place, 3:30 p.m. Concord Singers. Music Director: Peter McCoppin. Madrigals by Purcell and Morley. Other works by Byrd, Palestrina, Stravinsky and Nysted, also J.S. Bach's "Lobet den Herrn".

MON. NOV. 20 — Faculty Club, 8:15 p.m. University Women's Club of Scarborough. Panel of declared candidates. "Community Activists: Good or Bad".

WED. NOV. 22 — S-632, 3:10 p.m. There will be a seminar on the major influential modern American poet Ezra Pound, who died this month. Professors W.C. Kirkham, S. Namjoshi and J.R. Warden will speak. There will be time for questions and discussion. Students and faculty are welcome.

Council Chamber, 4:10 p.m. General Policy Meeting.

FRI. NOV. 24 — H-216, 11:00 a.m. Physical Sciences Seminar. Professor R.C. Roeder: "The Universe: What Do We Really Know About It". Everyone is welcome.

Durham College Lecture Theatre, 8:00 p.m. Admission \$1.00. Kay Sigurjonsson, a well known commentator and TV personality, presents a commentary "Concerns for Canadian Women".

SCARBOROUGH COLLEGE BULLETIN

Number 13

November 24, 1972

THE EDUCATION OF A STUFFED SHIRT

by Machado d'Assis (1839-1908), Brazil
Condensed by P. León with apologies to the author.

"The last guest has left. Our modest little dinner is over. And so, my fine young gentleman, you have reached your twenty-first birthday. It was twenty-one years ago you first saw the light, on the fifth of August, 1854, a puny little nothing; and now, you are a man, with an enormous moustache, and love affairs..."

"Aw papa...."

"Don't pretend to be modest. Let us speak frankly and seriously man to man. Close that door. I have some important things to say to you. Sit down. Let's talk."

"Twenty-one years of age, some stocks and bonds, a college degree: you can enter parliament, get a judgeship, go into the newspaper business, farming, industry, commerce, letters, the arts... An infinite number of careers are open to you.

No calling, in my opinion, is more useful, more generally acceptable, than that of stuffed shirt. To be a stuffed shirt was the dream of my youth. I lacked, however, a father's guidance; and I end up as you see, with no other consolation or moral eminence than the hopes I deposit in you. Listen carefully, my boy, to what I say, and lay it to heart.

'Gravity is a mysterious carriage of the body,' defines the decorum of the stuffed shirt. Do not confuse this gravity

with that other gravity which, though it, too, may be present in the outer aspect, is a mere reflection or emanation of the mind. The gravity I have reference to is of the body, only of the body - a natural oddity or an acquired knack.

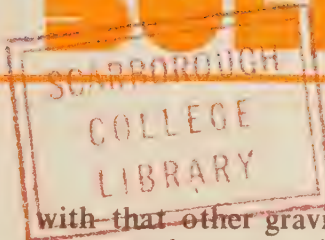
Once entered on this career you must exercise great caution in the choice of ideas you nourish in respect to others, and to yourself. The best thing will be not to have any.

You, my son, if I'm not mistaken, are endowed with the perfect mental inadequacy so necessary to the practice of this noble calling.

I refer to the correct and precise gesture with which you draw yourself to your full height and frankly express your feelings in respect to the cut of a vest, the dimensions of a hat, the squeaking or silence of a pair of shoes. Here we have an eloquent symptom, here is something to pin one's hopes on.

You must throw yourself into a systematic course of mind enfeeblement, read textbooks of rhetoric, listen to certain speeches, et cetera. Gin rummy, dominoes, and whist are approved remedies. Whist also possesses the rare advantage of schooling one to silence, and silence is circumspection in its most marked form. I do not say the same of swimming, horseback riding, and gymnastics, although it is true they keep the brain inactive. But, for that very reason, they rest it and restore its lost strength and power. The game of billiards is excellent."

cont'd



"How so, if it, too, is a bodily exercise?"

"I don't say it isn't, but there are things in which actual observation disproves theory. If, by way of exception, I prescribe billiards, it is because the most scrupulously exact statistics shows that three fourths of the devotees of the cue share the opinions of the same cue. A walk along the street, especially on streets given over to fashionable amusement and parade is most beneficial provided you don't go unaccompanied, because solitude is a factory for ideas, and the mind, left to itself, even in the midst of a crowd, will take on a certain amount of activity.

Bookshops, either because of the atmosphere of the place, or for some other reason that eludes me, are not suited to our purpose. And yet there is great advantage in going into them from time to time. I don't mean stealthily, but openly, publicly. You can get around the difficulty in a simple manner: go there to talk about the rumor of the day, the story of the week, a shady deal, a scandal, a comet, anything - whenever you do not prefer to question directly the constant readers of *Time Magazine's* glorious columns. Seventy-five per cent of these estimable gentlemen will give you verbatim the same opinions, and such monotony is eminently salutary. By following this regimen for eight, ten, eighteen months, say even two years, you will reduce your intellect, no matter how capacious it was to start with, to sobriety, control, and a well-tempered vulgarity. I do not touch upon vocabulary because it is really included under the heading 'ideas'. Naturally it must be simple, colourless, thin - there must be no dashes of crimson, no trumpet blasts.....

Yet, better than all this, which, in the long run, is nothing but trimming, are the stock phrases, the conventional expressions, the formulas consecrated by

the years, incrusting on individual and public memory. Such phrases have the advantage of not obligating others to a needless effort. I won't recite them all now; I'll make a list of them for you later. Besides, the career of stuffed shirt itself will gradually teach you the elements of this difficult art of thinking what has been thought.

The same goes for all the recent scientific terminology: you should get it by heart. Although the distinguishing characteristic of the stuffed shirt is a certain attitude of God Terminus, and the sciences on the other hand are a product of human push and bustle, still, since you are to be a stuffed shirt later on, it is best to adopt the weapons of your generation. Because one of two things will happen: either they will be worn out and common property thirty years from now, or they will remain shiny new. In the first instance they will rightfully belong to you as the natural prerogative of a stuffed shirt; in the second, you can wear them with a dapper air to show that 'you too are a painter.' From scraps of hearsay and random talk you will eventually pick up a vague notion of the cases and phenomena all this terminology fits, because the method of getting information directly from scientific experts and professors in their books, studies, and notes, besides being tedious, involves the danger of inoculating you with new ideas, and is basically wrong."

"I must confess, sir, what you prescribe is not at all easy."

"That's just what I've been telling you. It is difficult, it consumes time, much time, it takes years, patience, toil.... and happy are they who reach the promised land and enter its paradise! "

"And this whole career, in your opinion, is nothing more than a kind of reserve against the deficits of life?"

"That's right. It is extra. No other activity is debarred you."

"Not even politics?"

"Not even politics. It is only a question of abiding by certain essential rules and performing certain simple duties. You can belong to any party you please, liberal or conservative, republican or ultra-montane, the only condition being that you do not link any special idea to those terms, and that you recognize in the one you choose merely the usefulness of the Biblical shibboleth.

Only, you must never make use of irony, that vague movement at the corner of the mouth, that thing of mystery, invented by some decadent Greek, caught by Lucian, passed on to Swift and Voltaire, a trait befitting skeptics and men of enlightenment. No....rather the vulgar story! Use our good old vulgar story - our friendly, smutty, fat-witted, frankly vulgar story - that has no veils or false modesty, that hits you full in the face loud as a slap with the open hand, that makes the blood leap in a man's veins and breaks his suspenders with laughing. Yes, use the vulgar story. What's that?"

"Midnight."

"Midnight? You are entering your twenty-second year, my fine gentleman. You are of age. Let's go to bed, it's late. Think over what I have told you, my boy. All things considered, this conversation of tonight is worth every bit as much as Machiavelli's *Prince*. Let's go to bed."

POETRY READING

Anyone that wants to read their poetry or listen to other people reading theirs, should come to the H-308 staircase at 1 o'clock on Wednesday, November 29.

WINE CLUB

The next meeting of the Scarborough College Wine Club will be on Friday evening, December 1. Activities include wine tasting, wine making, and possibly a short talk by an expert on wines. It should be pointed out that members receive discounts on wine-making supplies. Those interested in joining should call Vince di Norcia (3145) or Tom Tidwell (3225). All are welcome.

DANCE AND BUFFET

The Service Employees Union is sponsoring an evening of dancing on December 2 from 7 p.m. to midnight. The price of admission is \$4.50 per person (with all proceeds going to the Childrens Christmas Party) and includes Tony's famous buffet, dance music selected by a popular disc jockey and various prizes. There will also be a bar.

Tickets can be purchased from the following bus drivers: George Arthur, Jack "Mac" MacDougall, Jim Wainwright (284-3272). Everyone is welcome.

STAFF DANCE

The Annual Christmas dance will be held on Saturday, December 16, 1972 in the main cafeteria, 8:00 p.m. to 12:00 p.m. Tickets are available at \$4.50 each from Sam Smit, Room S-112, (3260). Everyone is welcome.

NOTICE

Graphics and Photography have reopened in the new wing.

Access via the second floor tunnel past the old Graphics Department.

ACADEMIC CALENDAR

FRI. NOV. 24 — H-216, 11:00 a.m. Physical Sciences Seminar. Professor R. C. Roeder: "The Universe: What Do We Really Know About It". Everyone is welcome.

Durham College Lecture Theatre, 8:00 p.m. Admission \$1.00 Kay Sigurjonsson, a well known commentator and TV personality presents a commentary "Concerns for Canadian Women".

SUN. NOV. 26 — Meeting Place, 3:30 p.m. Norma Lewicki Tetreau (Soprano), Frank Tetreau (Piano) In Recital. Arias by Händel, songs by Brahms and Britten. Haydn Sonata and works by Liszt.

Hart House, 8:00 p.m. Sunday Evening Concert. An evening of Robert and Clara Schumann. Kathryn Root, Pianist, and Barry MacGregor, Narrator.

TUES. NOV. 28 and WED. NOV. 29 — One of the best known editors and critics of Canadian Literature and a considerable poet in his own right, Professor A.J.M. Smith, will be visiting the College. He will read some of his poems and talk about them on Tuesday, in the Council Chamber at 1:00 p.m. Professor Smith is the editor of *The Oxford Book of Canadian Poetry*, *The Book of Canadian Prose*, *Masks of Fiction*, and *Masks of Prose*. He also edited (with F.R. Scott) *The Blasted Pine* and contributed some disrespectful verse to it. His first volume of poems, *News of the Phoenix* in 1943 did much to stimulate the modern development of Canadian poetry.

THURS. NOV. 30 — Salle H-309 à 16 heures, un film de Truffaut, *Jules et Jim*, sera présenté en français. Bienvenue à tous.

Council Chamber, 11:00 a.m., Professor Luciano Rebay, of Columbia University will be speaking on "Alberto Moravia - From Indifference to Attention".

HART HOUSE SUNDAY EVENING CONCERTS

Those who are interested in attending the Sunday evening concerts at Hart House (held every 3 or 4 weeks) may obtain free tickets from Mrs. Brennan, S-421A or phone 3266.

SPORTS SCHEDULE

MON. NOV. 27 — Hockey (men) I, at Varsity, 7:30 p.m. Scar. vs P.H.E. A.

Basketball (women) at Trent U. 8:00 p.m. Scar. vs Trent.

Basketball (men) at Hart House, 9:00 p.m. Scar. vs Trinity A.

THURS. NOV. 30 — Hockey (men) II at Varsity, 4:30 p.m. Scar. vs U.C. II.

Volleyball (men) at Hart House, 8:00 p.m. Scar. vs For.A.

FRI. DEC. 1 — Hockey (women) at Varsity, 8:00 a.m. Scar. vs POTS.

ALIQUISMS

Proverbs from the East

There are three things that cannot be retrieved: the arrow once sped from the bow, the decision made in haste and the missed opportunity.

Now that it is gone, does it matter whether a cow ate it or not?

SCARBOROUGH COLLEGE BULLETIN

Number 14



December 1, 1972

ROLES – CULTURAL OR BIOLOGICAL?

There is no question that male and female humans differ anatomically, morphologically, and hormonally. The question about allocation of roles resides in whether or not the sum of the biological differences is an imperative proscribing behaviours. In his recent book, Tiger joins those who would see biological differences as just this kind of imperative, and he argues that human behaviours then, are genetically programmed and continuous with our forebears. But this is simply not so. While there is a tendency in higher monkeys and apes, for male 'cohorts' and female 'assemblies', there is a stronger attachment between the sexes. Indeed, non-human primate societies, at this phylogenetic level, must be viewed as a complicated interwoven network. Furthermore, data from primates show that the only role that is biologically fixed is that of progenitor and progenitrix. All others seem to be socially determined.

Whether or not it is the male who rears the offspring, as is the case in at least 3 species, or the female, as in a great many others, seems to be a social fact, not a biological one. Whether or not it is the male who leads troop movements, or determines them, or the female who

occupies the role, is again a social convention. This social attribution of task is so regular a pattern that it is impossible to posit continuity for behaviour from non-human to human even without acknowledging the quintessence of human evolution - the fact of culture. For curiously enough, despite the reality of biology, culture can obviate its influence.

Humans, are after all, the only animals who may be hungry, but will not eat, who may be exhausted and will not sleep, because other demands are seen as having priority. The differences between human male and female roles are real, but culturally so. Each culture designates certain tasks according to an inherent cultural logic. That these tasks are then rationalized as being biologically appropriate, does not, however, obscure that fact that they are culturally, not biologically derived.

Frances D. Burton

LAST REGULAR ISSUE

This is the last regular issue of the *Bulletin* for this term. Next week's issue will be devoted completely to the new building; it will provide general information and simplified drawings of the floor plans.

SECONDARY SCHOOL LIAISON AT SCARBOROUGH COLLEGE

Four years ago, Scarborough College initiated a programme of secondary school liaison, which has met with reasonable success and which has since been duplicated by several other colleges. The purpose of the programme is not only to attract increasing numbers of first year students, but to attract academically-superior students who have a real choice to make. This is achieved by providing university-calibre students with first-hand experience of College life.

All Scarborough secondary schools, and many schools in surrounding townships, North York and Toronto are invited to participate. Each is invited to send interested students from both Year 4 and Year 5, to the College for two days. The visiting students then attend lectures and laboratories, meet faculty and students and generally participate in normal social life of the College. They are aided by student guides and members of the Associate Dean and Registrar's Office who help acquaint them with the College. During the afternoon of the second day, the high school students participate in a short talk-session with interested faculty and students. This provides them with an opportunity to ask questions and to discuss university in general and Scarborough College in particular. The visitors are quite free to spend their time as they wish; every effort is made to keep their visit as informal and unstructured as possible.

The reaction from the high school students is quite enthusiastic. They welcome the opportunity to attend lectures and to absorb the College atmosphere.

They comment most often on the warmth and friendliness of all they meet, and particularly on the willingness of faculty to speak with them. In the light of the hard-sell approach they have received from other universities, they find this most refreshing.

In addition to administering this programme, members of the Office of the Associate Dean and Registrar often visit area high schools to speak with the students there, and to invite them to the College. Guidance personnel from the high schools are invited to spend an informal afternoon at the College in individual groups and the response to these invitations has also been extremely enthusiastic.

Janet Scott

PLUS CA CHANGE, PLUS C'EST LA MEME CHOSE

by W.J. Kirkness

Fifty years ago, in the course of discussions between the Royal College of Dental Surgeons and the University of Toronto, the University decided that the financial situation did not permit the establishment of a dental faculty in "the foreseeable future". History as recorded by D.W. Gullett in his *History of Dentistry* (1971), records that the proposed integration took place five years later, a period coinciding with the Hare Committee's definition of "the foreseeable future".

Something to think about!

"HUMBUG", A RESPONSE TO by David Onley

In the Bulletin of November 17, Mr. Patenall offered some opinions regarding a Student Council paper submitted at the College Council meeting of November 1st. The meeting was held to discuss important aspects of Curricular development at Scarborough.

To place his comments in perspective, some key points are needed.

1. The Student Council paper was designed not to outline a position, but to stimulate debate. It accomplished this purpose.
2. Mr. Patenall submitted no paper, no position, no ideas about Curricular development despite being a former Registrar at Scarborough.
3. All Student Council members elected to the College Council attended the meeting.
4. Mr. Patenall's absence from the meeting was notable. His experience in this area would have made a significant contribution to the debate.

It is unfortunate that a Professor of English well versed in the art of criticism should completely mistake the intent of the paper and thereby present a critique based on an incorrect premise. Because of this, and despite its obvious entertainment value, Mr. Patenall's essay can be given no more than a D⁺.

drawings by

DANIEL
HANEQUAND

Scarborough College, University of Toronto,
December 4 to January 12, 1973



ACADEMIC CALENDAR

SUN. DEC. 3 — Meeting Place, 3:30 p.m.
Telemann Quartet
Sandra Watts - Oboe
Emily Rizner — Flute
Nancy Antonacci - Piano
Margaret Weait - Cello

Chamber Music from the Baroque and
Modern Eras.

WED. DEC. 6 — 4:10 p.m. General Policy
meeting in the Council Chamber.

SUN. DEC. 10 — Meeting Place, 3:30 p.m.
Canadian Chamber Orchestra. Conductor:
Walter Babiak. A program of orchestral
music to suit the season.

SUN. DEC. 17 — Meeting Place, 3:30 p.m.
Scarborough Chamber Choir. Director:
Garth Allen. A program of choral music
for Christmas time.

SPORTS SCHEDULE

TUES. DEC. 5 — Hockey (men) III at
Varsity, 4:30 p.m. Scar. vs P.H.E. "C".

WED. DEC. 6 — Hockey (men) II at
Varsity, 5:30 p.m. Scar. vs Arch.

Basketball (men) at Hart House, 9:30
p.m. Scar. vs St. Mike's "B".

FRI. DEC. 8 — Hockey (men) I, at Var-
sity, 7:00 p.m. Scar. vs Vic. I.

SPORTS RESULTS

MON. NOV. 20 — Hockey (women) Phar.
0, Scar. 12

TUES. NOV. 21 — Hockey (men) II,
Grad. 2, Scar. 3.
Hockey (men) III, Ind. 3, Scar. 4.

FRI. NOV. 24 — Basketball (men) U.C.
65, Scar. 40
Basketball (women) Glendon 30, Scar. 7.

MON. NOV. 27 — Basketball (men) Trin.
50, Scar. 48.
Hockey (men) I, P.H.E. 2, Scar. 1.

PLEASE NOTE:

Access to Graphics & Photography
Department via the second floor tunnel,
will require front door key.

SCARBOROUGH COLLEGE BULLETIN

Number 15

December 8, 1972



THE NEW BUILDING

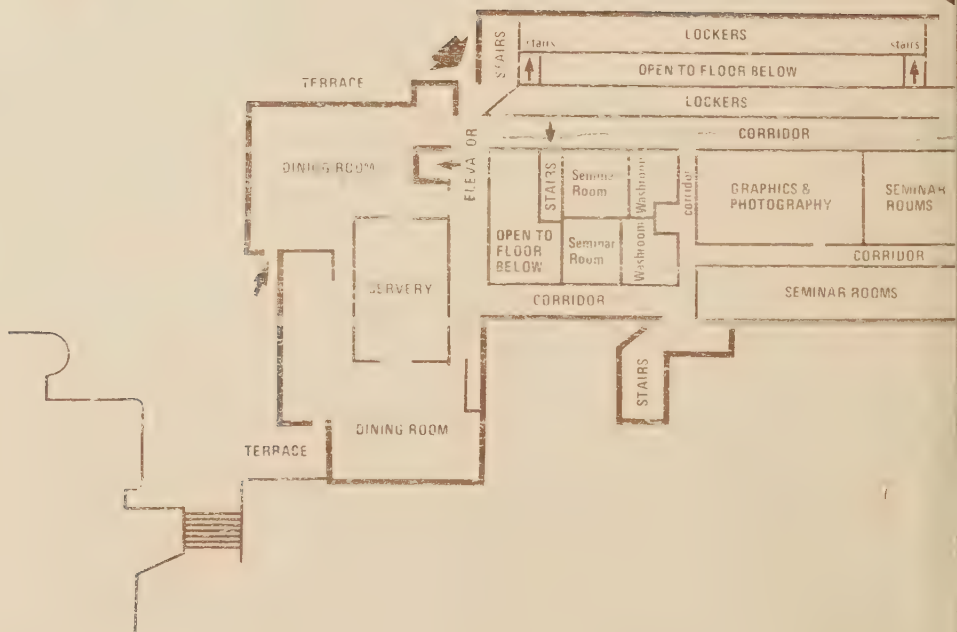
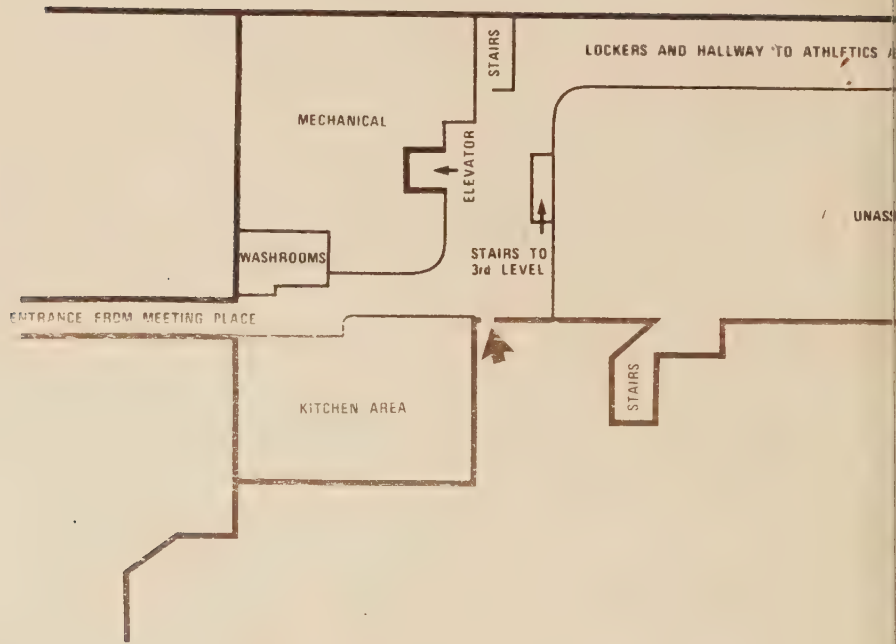
In the next academic term, the new building should be occupied and functioning. To assist members of the College in finding their way about, this issue of the *Bulletin* contains simplified drawings of the floor plans. You may also be interested to know that this new area contains the following:

- (i) 57 faculty offices
- (ii) 24 seminar rooms, of which 4 contain only carpeting and has-socks
- (iii) a new graphics area
- (iv) a Fine Arts studio
- (v) offices for teaching assistants in the Divisions of Humanities and Social Sciences and for the Physical Sciences Group
- (vi) student study space
- (vii) physical education and recreational facilities.

Because more seminar rooms are now available, some rooms will be freed for other uses: (i) H-211 and S-357 (the portable) will cease to be used as a class-rooms (ii) S-223B will become the French discipline room (iii) S-223C will become the undergraduate calculator room freeing S-162 (presently housing the calculators) to become the chemistry discipline room.

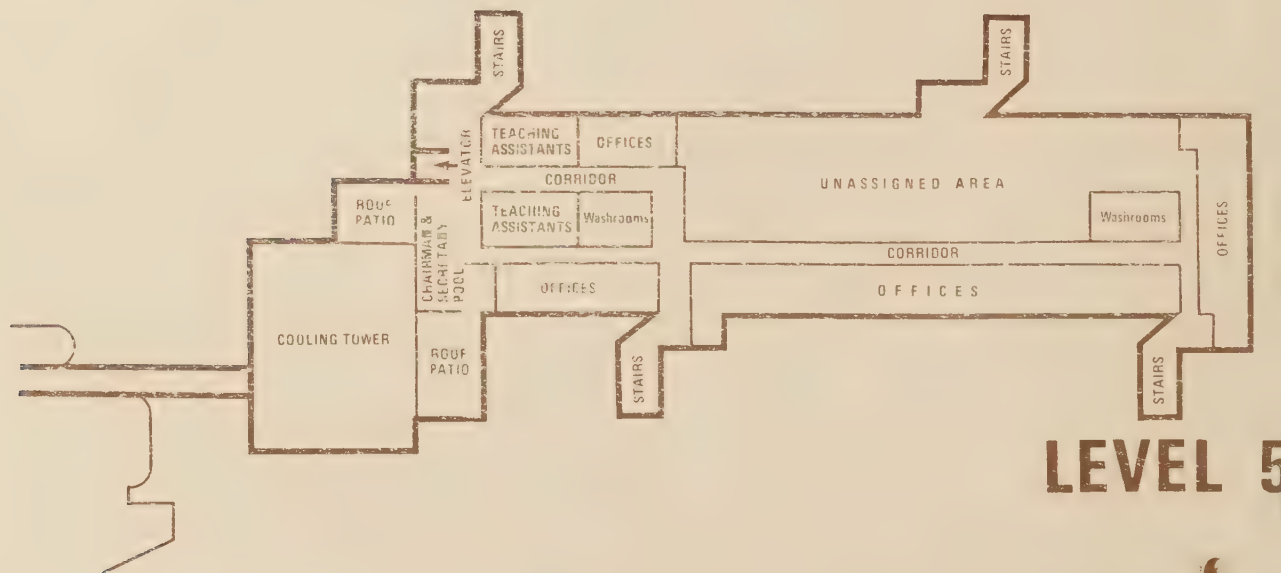
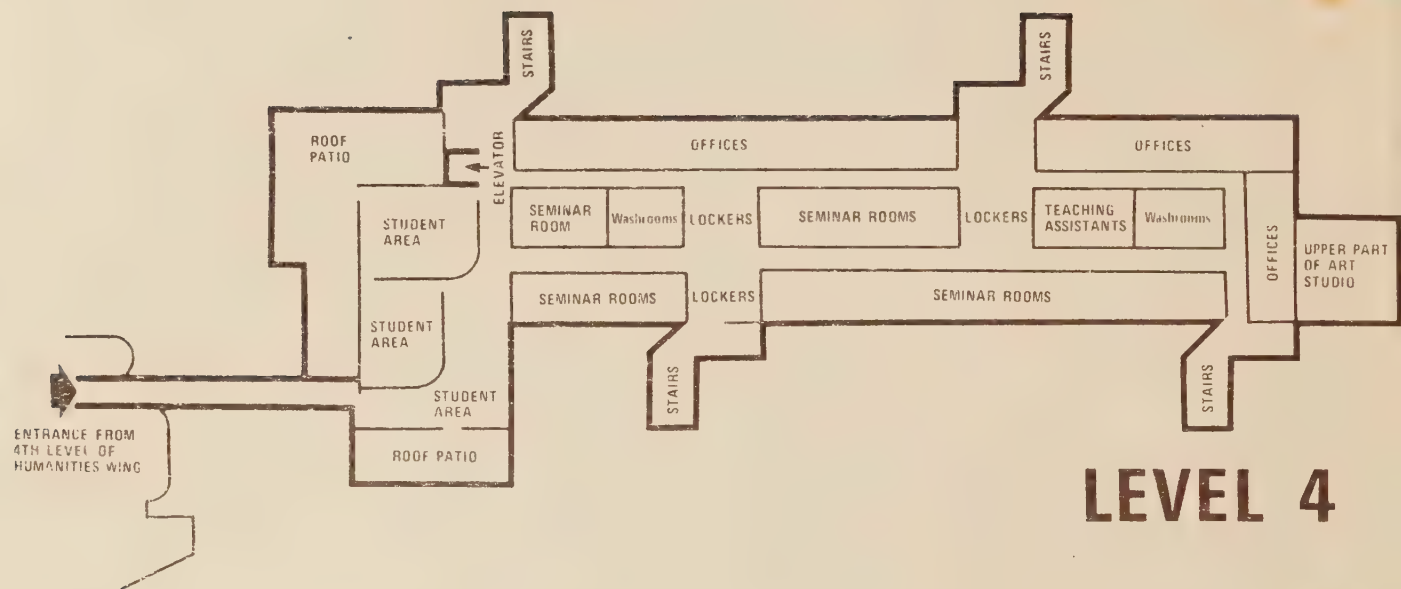
However contrary to an earlier announcement, there will be no change in the present postal facilities until the end of this academic year; also, students will not be moved into the new lockers at this time. And the keys that will be issued will be temporary for the permanent locks have not yet been delivered.

In spite of these minor inconveniences, we hope you will enjoy the new building!





GYMNASIUM



SEABOROUGH COLLEGE BULLETIN

Number 16

HOW DID WE GET TO BE WHAT WE ARE?

by John Corbett

Some degree of self-obsession has become characteristic of western man. Most often it assumes the form of self-justification; are the "western democracies" more free than their "communist" neighbours? Does "progress" give us a moral or material lead over the "developing" countries? Is western society on the brink of a great physical or moral collapse and ultimate extinction? These questions are more easily asked than answered. Fortunately self-obsession sometimes leads to critical self-analysis; great advances have been made recently in our understanding of how western society works. Now we can meaningfully ask, I believe, "What is characteristic (unique? ?) about western man and the world which he has made"?

Everyone realizes, of course, that the modern world-view of western man has been largely conditioned by the Christian ideology which we have inherited from the Middle Ages - a package of perceptions and values which comes to us from a time when the Christian world-view was the only one for western man. In case this seems irrelevant in the modern secular world we should remember that many scholars (Harvey Cox for instance) see the "secular city" as the fulfilment not the negation of Christian ideals and aspirations. And, of course, it has long been recognized that the social ferment of the Protestant Reformation in Europe is intimately associated with the world

January 12, 1973

which has emerged from the Industrial Revolution. (R.H. Tawney Religion & the Rise of Capitalism is a classic work on the subject). This being so, it is scarcely surprising that modern social philosophers or cultural historians, when examining the characteristic structure of the western world, are especially concerned with our belief system or ideology. Herbert Marcuse finds our world locked in a deadly struggle between the reality principle and the pleasure principle; the battlefield, he tells us, is within our minds; the war is being waged between the individual and his repressive society which, however, exists only or chiefly as a set of beliefs programmed into his mind by his culture from birth - in short an "internalized ideology". (Eros & Civilization, One-Dimensional Man) Norman O. Brown takes this struggle further back into the past - he sees history itself and the western historical concern as manifestations of a serious spiritual sickness or psychopathology in our society. (Life against Death; the Psychoanalytical Meaning of History). Again George Steiner sees western society as literally a realization of "hell on earth" - after our successful destruction of heaven (In Bluebeard's Castle; Some Notes towards the Redefinition of Culture).

It seems to me that these men, despite some unavoidable errors or personal idiosyncrasies, are basically on the right track. But I also believe that they have not for the most part taken their enquiry sufficiently far back into the western past (an exception is Wayland Young: his

Eros Denied is an attempt to survey the growth of sexual repression in the western world, down to our own times). If the psycho-social structure of our modern western world is intimately involved with our heritage of Christian ideology, is it not logical to carry our enquiry into origins and development back into the ancient Mediterranean world which was, after all, the birthplace of the Christian West? Some questions come to mind immediately - what characteristics of modern society can be associated with the various Mediterranean cultures among our ancestors? To what extent do Greeks or Jews or Romans resemble modern western man? Not much - it may seem; but the question is surely worth pursuing. Next week I shall suggest some directions in which that pursuit might go.

DAY CARE

A booklet on day care facilities has been compiled and copies are available in S-407 (reception desk to the Office of the Principal). The booklet contains the following information: general regulations, suggestions on how to choose a nursery or day care centre and specific information on facilities available in eastern Toronto.

There is also available in S-407 a booklet on the nursery schools in Toronto.

A PROGRAMME FOR BEATING UNEMPLOYMENT

(The following are excerpts from an article by Professor V.W. Bladen which appeared in the Globe and Mail, December 12, 1972).

First, let me state my priorities: and in this I hark back to Keynes's Tract on Monetary Reform (1923). Inflation is bad: but unemployment is worse. Therefore the first objective in order of priority must be to reduce unemployment to a tolerable level, certainly no higher than 3 per cent. Continuing high-level unemployment is inhumane and wasteful.

• • •

I therefore believe any talk of trade-off between unemployment and inflation is wrong, foolish and immoral. We must conquer unemployment and not use it as a tool to conquer inflation.

But we must then as our second objective seek means to avoid inflation, or at least to reduce the rate of inflation below, say, 2 per cent a year; and if we fail we must take immediate steps to compensate those on whom the rise in the cost of living imposes real hardship. Not to do so would be as inhumane as the deliberate intensification of unemployment.

We have given too little thought to inflation-control by other means than by restriction of credit, reduction of production and increased unemployment. Because we have given it so little thought many have concluded that income and price-control is the only solution. Having experienced such control in war, I am not prepared to accept this except as a last resort.

• • •

To stimulate the search for a solution to the problem of raising employment and weakening inflation, rather than to pretend to confidence in my own ability to find one, I propose the following four-point program.

First: an immediate provision of funds for public expenditure and of incentives to greater private investment.

I suggest as one line of expenditure—of great importance to itself and high in the priorities of the people—a war against pollution. I propose public expenditure on sewage systems and on all kinds of measures to clean up our waters. And I propose generous subsidies to private industry to enable firms to reduce noxious waste by such changes in their technology as may be needed.

This is but one area of expenditure: I am trying only to stimulate the search for such desirable projects; I do not pretend to provide a total plan. I would, however, urge a substantial increase in Government expenditure on research and development.

Second: I propose a reduction of tax rates—particularly of the highly regressive sales tax—to a level which would provide for a balance budget at, say, 3 per cent unemployment.

Third: I propose that we use fiscal rather than administrative means for reducing the threat of inflation. I make a specific proposal to stimulate the search for better fiscal devices, rather than to argue with confidence that this one would achieve the desired result.

I propose a refundable tax on the amount by which the income of any Canadian in any year, say 1973, exceeds his income of the previous year plus $x \div y$ per cent of that income. The x per cent should be based on a conservative estimate of the general increase in productivity, since increases in income matched by increases in productivity cannot be inflationary. The y per cent should be the percentage by which the cost of living has increased in the year, so that real incomes shall have increased by the x per cent justified by increased productivity.

I realize there are great administrative difficulties, particularly for payroll deduction, and I recognize the necessity of providing specially for those whose incomes rise because they are doing more work: the unemployed who find work, the part-time workers who become full-time.

I proposed this refundable tax in 1970 to fight inflation: at that time I was complacent about an unemployment rate running about 5 per cent. I believe that I was wrong, not in proposing this anti-inflation measure, but in not joining with it, as I now do, a program of expansion of employment and production.

Finally, I propose measures to mitigate the harm done by any inflation which develops in spite of my taxation measure (or in spite of whatever other measures are used).

So the theme is: (1) reduce unemployment: (2) try to avoid inflation: (3) if we fail in (2) let us “learn to live with inflation.”

ACADEMIC ACTIVITIES

PROFESSOR HARRY KAY, (Psychology) who last term was a visiting AUCC fellow from Sheffield University has been appointed to be Vice-Chancellor of Exeter University.

PROFESSOR J.C. RITCHIE, (Biology) gave a talk entitled, "A preliminary synthesis of the late Quaternary pollen stratigraphy of the Western Interior of Canada" on Wednesday, December 13, 1972 to the Quaternary Discussion Group at the University of Waterloo.

PROFESSOR R.C. ROEDER, (Astronomy) gave a talk entitled "Studying Quasars and Cosmology" at Kitt Astronomical Society of Canada on Friday, November 17, 1972.

PROFESSOR MICHAEL KIRKHAM, (English) presented a paper entitled "The Question of Laura Riding and Robert Graves" at the Conference of the Modern Languages Association, in New York, on December 27, 1972.

LIBRARY HOURS - SPRING TERM

Mon. - Thurs.	8:45 a.m. - 10:30 p.m.*
Fri.	8:45 a.m. - 5:00 p.m.
Sat.	10:00 a.m. - 5:00 p.m.
Sun.	1:00 a.m. - 5:00 p.m.

* The library doors will be closed at 10:30 p.m. on Monday, Tuesday, Wednesday and Thursday evenings during the Spring term.

For general information call Circulation (284-3246) or Reference (284-3183)



ACADEMIC CALENDAR

MON. JAN. 15 — Faculty Club, 8:15 p.m. University Women's Club of Scarborough. Mr. John Sime, Director, Three Schools, "The Knots of Art Education".

THURS. JAN. 18 — Meeting Place. 10:30 a.m. to 5:00 p.m. "Stockholm and After" 10:30 a.m. - Opening remarks. D.R. Campbell, Principal 10:45 a.m. - The U.N. Conference on the Human Environment at Stockholm. 1:30 p.m. - Discussion of various Roles. 4:00 p.m. - Two films. Room S-319 *The Changing Environment of Toronto and The Wolves.*

Concurrent with the discussion there will be an exhibit of the Stockholm Conference material, documents, reports, newspapers, magazines, posters, etc., in the ante-chamber of the Meeting Place.

SPORTS SCHEDULE

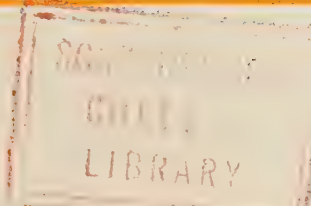
MON. JAN. 15 — Hockey (women) at Varsity, 8:00 a.m. Scar. vs Eng.

Basketball (women) at Trent, 8:00 p.m. Scar. vs Trent.

SCARBOROUGH COLLEGE BULLETIN

Number 17

January 19, 1973



HOW DID WE GET TO BE WHAT WE ARE?

(PART II)

by John Corbett

Last week I suggested that the characteristic features of Western Society are seen by some scholars as the outcome of the (Christian) ideology which we have inherited; I also asked whether those features could be recognized in the societies of the ancient Mediterranean world. Let me now suggest the direction in which I believe some answers to that question may be found.

We recognize that all the societies or socio-political forms of the ancient Mediterranean world were pre-industrial; that is, they were organized in ways quite different from modern western industrial states with their advanced technology (there is, however, a striking similarity to some less "developed" societies in the modern "Third world"). In classifying these societies and studying their development the ancient historian is much indebted to the anthropologist; we can easily recognize many varieties of tribal organization of which the classic city-state is probably simply the most highly developed form. But there were also in the Ancient Mediterranean world some imperial states; these pre-industrial Empires, of which

Rome is for our purposes probably the most important, do show many points of resemblance to the modern western world: their military and legal structures foreshadow much of the complex social organization characteristic of our world. There are also other less obvious but perhaps more important similarities; students of Latin Literature easily recognize the Roman obsession with moral decadence and failure as an ancestor of many modern anxieties. The Romans believed that they had a "civilizing role" or "mission" which justified their conquest and exploitation of more backward states; and they had made great strides in "religious history" - the propagandistic re-interpretation of the past as a justification for the present. (A brilliant student of the Aztec world has, interestingly enough found the same features in that society - H. Padden The Hummingbird and the Hawk.) These are both features of the western world-view. But, before the advent of Christianity, the Roman world had not, unlike the Aztecs, advanced to the second stage of imperial evolution. It had not become an ideologically based society in which orthodox belief is compelled by institutionalized authority and heresy is severely repressed. The characteristic features of later western history were yet to come, antisemitism and the crusades, religious wars and the burning of witches; features which have their modern equivalents in

Fascism and Auschwitz, napalm and the "cold war". In the Roman world external submission was sufficient; the later Christian West requires orthodoxy or mental conformity, just as the Aztec Hummingbird god demanded the acknowledgement of his superiority from his grateful subjects. We can recognize some of the more unpleasant aspects of an ideologically based society more readily in the Aztec world than in our own. Nevertheless, honest scholarship requires a critical revisionist view of our own past. Norman Cohn has set a high standard for this study with his work on some millennial movements in the Middle Ages - it is "must" reading for anyone with an interest in the subject (N. Cohn Pursuit of the Millenium). But much more remains to be done.

DAY CARE

A booklet on day care facilities has been compiled and copies are available in S-407 (reception desk to the Office of the Principal). The booklet contains the following information: general regulations, suggestions on how to choose a nursery or day care centre and specific information on facilities available in eastern Toronto.

There is also available in S-407 a booklet on the nursery schools in Toronto.

STATUS OF WOMEN – EMPLOYMENT

The following is a condensed version of the University of Toronto submission to AUCC.

INITIAL HIRING

i. Academic - Women represent about fifteen percent of the academic staff; this fraction is expected to increase with the advent of more qualified female applicants. Advertisements for academic positions make no mention of the sex of the applicant.

ii. Non-academic - No mention is made of sex of applicant in advertisements; however, traditional female jobs are lower paying than jobs for men and efforts are being made to change this inequality.

COMPENSATION

i. Academic - Men and women pay and receive the same compensation benefits depending on salary.

ii. Non-academic - The situation is the same for non-academic staff except that women are given maternity leave and guaranteed their jobs upon returning.

TRAINING

i. Academic - Although women usually start at lower ranks than their male counterparts generally explained by a lack of experience and/or educational requirements, there is equal opportunity for male and female academics to progress through the ranks based solely on academic ability.

ii. Non-academic - Training is provided on an equal basis for men and women depending solely on administrative or mechanical ability.

PROMOTION

i. Academic - In the past, male academics have tended to be promoted faster and granted tenure quicker than their female counterparts. It is University policy now that academic promotion be solely on merit.

ii. Non-academic - There is no discrimination, although, few women advance from traditional female jobs (secretary) to administrative jobs. This trend is now changing.

SUPERVISORY

i. Academic - In some faculties (law, medicine) men have traditionally been the administrators; in others (nursing, library science) women have been the administrators. In most departments, women have an equal chance to progress, all other factors being equal.

ii. Non-academic - University policy is that promotion is based on merit regardless of the sex of the applicant.

GRANTS

i. Academic - There is no discrimination in application or granting of scholarships.

PAY

i. Academic - Women are paid less. Efforts at all levels of the University are being made to correct this inequality.

ii. Non-academic - Pay is determined by job classification which is based on the requirements of the job itself, without reference to the sex of the applicant. Women in the past have generally had lower paying jobs and pay but now all jobs are open to women on an equal basis to men.

DON'T PAY FEES

(The following article appeared in the Scarboro Mirror, December 6, 1972).

Scarboro College students council has recommended that all students withhold fees for the second term of the current academic year until February 1 — 15 days after the deadline set by the university.

The 15-day withholding is a "symbolic gesture," council president Dave Onley said.

"We are not recommending that the students withhold their fees any later because we do not want to jeopardize their academic year," he said.

"But we do want to demonstrate to the provincial government how many students are disturbed by the fee increase".

Onley called the 15-day withholding a responsible move which will hurt no one but will indicate how many students would withhold their fees indefinitely if the need arose.

The main bone of contention, according to Onley, is that government educational officials will not hear the students' side of the issue. He said the students are prepared to present to the government several alternatives for keeping the education segment of the tax dollar down without raising university tuition fees.

The proposed fee strike could be cancelled if the government were to come out "hard and fast" and say there will be no further fee increases in the foreseeable future, or if the announcement of further fee hikes were to be made a full academic year in advance, Onley said.

Onley said the government's decision to hike fees contradicts its basic premise that a university education should be available to anyone who wants it.

ACADEMIC ACTIVITIES

PROFESSOR R. ROEDER (Astronomy) gave a talk entitled "Our Understanding of the Universe" on December 11, 1972 at the University of Waterloo. On January 17, 1973 he gave a talk entitled, "Two Problems in Cosinology" at McMaster University.

Also, he has just received notification from NASA that his proposal for use of the I.U.E. satellite has been accepted for early assignment of time (launch expected in 1977). The satellite will be used to look for Ly α and CIV 1549 in the spectra of some bright, low-redshift quasars and like objects.

PROFESSOR P. SALUS (Chairman of Humanities Division) has been appointed to the Curriculum and Standards Subcommittee of the Academic Affairs Committee (of the Governing Council).

PROFESSOR P. GOOCH (Philosophy) has been appointed to the Planning and Resources Subcommittee of the Academic Affairs Committee (of the Governing Council).

DEAN A. WALKER has been elected Vice-Chairman of the Board of Governors of Centennial College for 1973.

ANNOUNCEMENT

Professor G.S. French has succeeded Professor J.E. Hodgetts as President and Vice-Chancellor of Victoria University in the University of Toronto, effective January 1, 1973.



ACADEMIC CALENDAR

FRI. JAN. 19 — Durham College Lecture Theatre, 8:00 p.m. Admission \$1.00. Allan Leal, of the Ontario Law Reform Commission, presenting "Law in a Changing Society".

WED. JAN. 24 — R-3230, 11:00 a.m. Professor W. Bunge, of York University will give a lecture entitled "The Geography of Human Survival". Everyone is welcome.

Room S-319, 4:00 p.m., Dean Steiner of the Faculty of Medicine will be speaking to students interested in a medical career.

THE WRITING LAB

The Writing Lab has moved to R-5223. The hours are the same as they were last term - Tuesday and Wednesday 10 - 12, 2 - 4 and Thursday 3 - 7. The telephone number is 284-3369. Please inform your students of the Lab's new location and encourage those who need writing help to take advantage of this service.

SCARBOROUGH COLLEGE BULLETIN

Number 18

January 26, 1973



SCARBOROUGH COLLEGE'S CLIMATOLOGICAL STATION

After two and a half years of planning the Scarborough College climatological station opened in October. The first three months of recordings have now been submitted to the Atmospheric Environment Services and will be published in due course in the Monthly Records.

The station is located on the University's property to the north west of Ellesmere Road in a fenced enclosure. At the present time readings are made daily at 9:00 a.m. by Fred Schokker. The parameters measured include maximum and minimum temperature, surface temperature, precipitation, wind speed and direction and relative humidity. In due course other instrumentation will be established to measure evaporation, bright sunshine and radiation parameters. The

station is used both for teaching and for research purposes.

The planning and organization for the station has been carried out by Professor Christopher Sparrow and Ken Dewey. Most of the clearing and preparation of the site was done by the College's ground staff under the supervision of Jack Williard. The Atmospheric Environment Service provided assistance with the installation of some of the instruments.

It is hoped that the daily climatological readings from the station together with those taken on the St. George campus and at the Cold Creek Conservation Area and the daily weather charts and satellite photos will be displayed in the Meeting Place for everyone's benefit.

WHY CANADA SHOULD GO ITS OWN WAY

(The following letter, by Professor L. Tarshis, appeared in the Globe and Mail in response to Professor Bladen's article).

Professor V.W. Bladen's views deserve the strongest support.

To create unemployment, as both Canada and the United States have done, to combat inflation is like exposing someone with a cold to a rabid dog so as to guarantee that he won't succumb to the cold. The evidence is pretty strong that the combination of policies adopted in Canada does little to slow inflation, but it does much to throttle economic activity.

To permit unemployment is to deny Canadians the product of their work - incomes that would have been earned and a product that could have been produced amounting to about \$6-billion a year. And not only that: it means a gradual loss in labor's skills and a deterioration in work morale. Nothing can be said for this except that it weakens the economy and at the same time it deprives people unnecessarily of what they want and should have.

Compared to the losses that are inflicted on us all when the economy operates well below its capacity, the costs we must bear on account of a moderate inflation are minuscule. Essentially they involve transfers - what the creditor loses in inflation, the debtor gains; what the unorganized worker may lose, the employer gains; what the widows and orphans whose sole wealth consists in Government bonds lose, the taxpayers gain; and so on.

I do not mean by this to suggest that these transfers need not concern us. They most certainly should, but they can be handled almost costlessly - by raising

pensions, by issuing purchasing power bonds, by seeing to it that certain workers are not left out in the cold. (And in any event, those who shed tears about what inflation does to the unprotected, should shed far more of them for workers and businessmen whose jobs and profits are jeopardized by policies whose predictable "other effects" are a decline in economic activity below its possible peak).

No doubt the excuse will be offered that Canada cannot go it alone. But that argument, if ever it had any validity, clearly has none now, Canada's floating exchange rate is designed to permit just that - that we can go our own way. And if we do not, then why should we not choose to fix our rate firmly to the U.S. dollar, say, as other countries have done. At least, trade would be easier and less risky with fixed exchange rates.

Our present posture - flexible rates and still trying to keep in step, price-wise at least, with our major trading partners - reminds me of the fellow who takes an ocean cruise just to experience the predictable agonies of seasickness.

CANADIAN STUDIES AT SCARBOROUGH COLLEGE

Many universities and community colleges across Canada have acknowledged the need for a greater focus on things Canadian by establishing Canadian Studies courses. A general lack of knowledge of Canadian culture and the overwhelming impact of our neighbours to the south through the media of television, print and popular forms of entertainment make the establishment of such courses essential to the continuing existence of a unique and independent Canada.

Scarborough College's Canadian Studies course is being offered for the first time this year. It is a first year inter-



THE SHERIDAN SCHOOL OF DESIGN

AN EXHIBITION AT
SCARBOROUGH COLLEGE, UNIVERSITY OF TORONTO
JANUARY 22 TO FEBRUARY 1, 1973.

disciplinary course designed to highlight the distinctive characteristics of the Canadian personality from the points of view of such disciplines as geography, anthropology, sociology, history, art, literature, economics and political science. Lectures are being offered by faculty members at Scarborough and from other campuses.

As well as attending lectures, students participate in a smaller tutorial group where they may confront the issues in a more personal way. Students are also encouraged to take other Canadian-content courses offered by the various disciplines in the College.

Sixty-five students are enrolled in the course. Many of them are motivated by a desire to increase their understanding of Canada; others are interested in the experimental interdisciplinary approach to content. Students are working on research projects involving such topics as sports in Canada, the confrontation of Indian and non-Indian cultures, literary and geographic regionalism, the use of historical data in art and the question of French-English relations.

Because this course is being offered for the first time, it is not without its difficulties. Nevertheless, it offers a potentially exciting and personally meaningful learning experience to staff and students who decide to participate.

Tanya Long

ACADEMIC CALENDAR

MON. JAN. 29 — Room H-216, 4:00 to 6:00 p.m. Students interested in Dentistry are invited to meet Dr. A.B. Hord, Assistant Dean for Student Affairs.

THURS. FEB. 1 — Dans la salle S-309, à 15 heures, le film *Le Mur* (d'après la nouvelle de J.P. Sartre) sera présenté. Bienvenue à tous.

FRI. FEB. 2 — Faculty Lounge, 3:00 p.m. Faculty "beer-in" (cider and beer available).

ACADEMIC ACTIVITIES

PROFESSOR ELEANOR IRWIN (Classics) in conjunction with the Instructional Media Centre, just completed a 14-minute videotape, entitled *ATHENS AND ATHENA*. This program explores the relationship between Athens and the goddess Athena in the 5th Century B.C.

To view the program, call Miss Mulgrave, 284-3232. For information on the content, call Professor Irwin, 284-2171.

PROFESSOR W. ISAJIW (Sociology) presented a paper entitled "Definitions of Ethnicity" at a conference on the Immigrant Experience in North America sponsored by the Canadian Association for American Studies, October 26th, 1972 in Toronto.



VALENTINE'S DAY STAFF DANCE

All staff members and their friends are invited to attend the Valentine's Day dance in the main cafeteria on February 10. The bar will be open from 7:00 p.m. till midnight, the buffet dinner will start at 7:45 p.m. and dancing will last till midnight. Tickets, \$4.50 per person, are available from Sam Smit (room S-112, phone 3260) or through the College mail.

Those who are planning to attend are asked to order their tickets soon.

WINNER OF GRAMMAR BONSPIEL

The first prize in the 1972-73 Great Late West Saxon Grammar Bonspiel in English B01Y was won by Miss Valerie Walker.

HOUSE FOR RENT

"Available June 1973 until September 1974. Large furnished house downtown (Sherbourne and Dundas, close to Don Valley Parkway). Three floors, high ceilings, pine floors, full cellar, backyard. Recently redecorated, \$300.00 per month. 921-0698.

STUDENTS INTERESTED IN DENTISTRY are invited to meet Dr. A.B. Hord, Assistant Dean for Student Affairs, on Monday, January 29, 4:00 - 6:00 p.m. in room H-216.

SCARBOROUGH COLLEGE BULLETIN

Number 19

SCARBOROUGH
COLLEGE
LIBRARY

February 2, 1973

FIELD STUDIES AT KOUCHIBOUGUAC BAY

by Pat Keay and Robin Davidson-Arnott

Professor Brian Greenwood has for several years supervised a field study in Kouchibouguac Bay, New Brunswick investigating sediment transport by wave and current processes in the beach and nearshore area. As part of the study, Pat Keay and Robin Davidson-Arnott (graduate students in geography at Scarborough) and Ted Bryant (a graduate student at McMaster) spent the last week in November observing conditions during freeze-up in the area.

For the benefit of those not well up on their Canadian Geography, Kouchibouguac Bay is located at the northern end of the Northumberland Strait about fifty miles north-east of Moncton. It is noted for the well developed series of spits and barrier islands which extend for about 20 miles along the whole length of the bay. The islands are 200-800 metres wide and consist of a fairly wide sandy beach backed by sand dunes up to 10 metres in height. They are separated from the mainland by shallow lagoons and are broken in places by tidal inlets and estuaries extending several miles inland which provide shelter for small fishing harbours.

The dunes, lagoons and marshes support a rich variety of flora and fauna including numerous species of waterfowl

and a colony of harbour seals while the bay itself provides a bountiful supply of lobsters for the New England and eastern Canadian markets (at a dollar per pound cooked even graduate students can afford them). These, together with the recreational potential and natural beauty of the area have led the Federal Government to declare a large part of the bay as a National Park which is presently under development.

During winter, Kouchibouguac Bay and indeed much of the Gulf of St. Lawrence is ice-covered for 2-4 months and freeze-up was just beginning at the end of November. Ice in the estuary and lagoons made operation of the small boat, used to get out to the beaches, difficult at times and the cold curtailed plans for surveying in the water though a limited amount of echo sounding was carried out. Observations on the beaches showed many of the features resulting from ice action which have been reported from arctic beaches including ice-push ridges and the formation of 'ice-foot' at the waters edge. This suggests that some of the studies on arctic beaches might be carried out more conveniently and much more cheaply here. One interesting feature was the freezing of water in the upper layers of the dunes and beach which resulted in the sand being as solid and as hard as concrete. This should have the effect of reducing blow-outs in the dunes at a time when the protective vegetation cover has mostly disappeared.

SCARBOROUGH STUDIES IN CANADIAN SOCIETY

The Social Science Division is planning production of a new journal which is to be written primarily by Scarborough College students.

The new journal, which is tentatively entitled *Scarborough Studies in Canadian Society*, will be edited by Professor Nancy Howell, a sociologist, and will be produced by the Graphics Department.

For the first issue, which may be released in April if all goes well, Professor Howell is recruiting papers by asking all the other sociologists and the anthropologists to suggest the best papers that have been submitted to them by students over the past year or so. Students who wrote the papers will be contacted for permission to print their work, of course. Students who have a paper that might be accepted are invited to submit it directly to Professor Howell, with a note agreeing to publication if it is accepted.

At least for the first issues, the journal's focus will be on first-rate, well-written studies of aspects of local culture, institutions, and behavior patterns. Empirical papers will be given preference over theoretical or library research work. Material that was not produced for a course will be considered, as well as work by graduate students and faculty.

The journal is still in the planning stages, so suggestions will not only be appreciated but can be used. Papers and suggestions should be addressed to Professor Howell, c/o the Social Science Division Office, H-411.



David Blackwood
painter & printmaker



John de Visser
photographer

AN EXHIBIT AT
SCARBOROUGH COLLEGE, UNIVERSITY OF TORONTO,
FEBRUARY 5 TO FEBRUARY 23, 1973

GOVERNING COUNCIL ELECTIONS

The nominations for membership to the Governing Council of the University of Toronto are open until February 12, 1973, 12:00 noon, for the following positions: 4 full-time undergraduate student seats, 2 part-time undergraduate student seats, 2 graduate student seats, 4 teaching staff seats, 1 administrative staff seat (includes "support staff"). Nominations must be sponsored by the following number of nominators: teaching staff, 10; graduate students, 15; full-time undergraduate students, 50; part-time undergraduate students, 15; administrative staff, 20. Nominators must be members of the same constituency as the nominee and a nominator may not nominate more candidates for election than there are seats vacant in his constituency. Nomination forms may be obtained from the Registrar's office or from the Office of the Governing Council.

The terms of office are as follows: administrative staff, three years; students, one year; teaching staff, three years.

Within each classification there are a number of constituencies; for example, the "teaching staff", comprised of employees of the University of Toronto with rank of full-time or part-time lecturer and above, are divided into six constituencies. In all cases a teaching staff member's constituency will be determined on the basis of his major teaching appointment to a faculty, college or school.

Constituency I is sub-divided into six sections, each of which has one vacant seat. The sections are composed of teaching staff members who hold their major appointments in the following divisions:

- (i) federated universities
- (ii) Scarborough College or Erindale College

- (iii) University College or New College departments of Classics, English, French, German, Near Eastern Studies; or in the University departments of East Asian Studies, Fine Art, Islamic Studies, Italian and Hispanic Studies, Slavic Languages and Literatures, Sanskrit and Indian Studies.
- (iv) Faculty of Arts and Science departments of Anthropology, Geography, History, Philosophy, Political Economy, Sociology and Psychology.
- (v) Faculty of Arts and Science departments of Astronomy, Chemistry, Computer Science, Geology, Mathematics, Physics, Botany, Zoology.
- (vi) members of constituencies (iii), (iv) and (v).

Constituencies II - VI are composed of teaching staff members from other faculties in the University.

There are two constituencies, each of which has a vacant seat, for graduate students: constituency I includes students in Humanities and Social Sciences; constituency II includes students in Physical Sciences, Life Sciences and Education.

There are two constituencies, each of which have two vacant seats, for full-time undergraduate students: constituency I includes all students registered in arts and science programmes; constituency II includes all other undergraduate students.

There is one constituency with two vacant seats for part-time undergraduate students. Similarly, there is one constituency and two vacant seats for the administrative staff representatives.

It should be noted that any person nominated as a candidate must be a Canadian citizen at the time of nomination.

ACADEMIC CALENDAR

FRI. FEB. 2 — Faculty Lounge, 3:00 p.m. Faculty "beer-in" (cider and beer available).

SUN. FEB. 4 — Meeting Place. 3:30 p.m. Siegfried Behrend in Recital.

THURS. FEB. 8 — Dans la salle S-309, à 16 heures, le film La Chambre (d'après la nouvelle de J.P. Sartre) sera présenté. Bienvenue à tous.

SAT. FEB. 10 — Main cafeteria, 7:00 p.m. to midnight. Valentine's Day Staff Dance. Tickets \$4.50 per person, available from Sam Smit, (room S-112, phone 3260) or through the College mail. Everyone welcome.

STUDENTS INTERESTED IN LAW are invited to meet Professor H.M. McKinlay, Chairman of the Admissions Committee of the Faculty of Law, on Monday, February 5 at 4:00 p.m. in room S-319.

SUNDAY CONCERT SERIES

Scarborough College will start its spring series of Sunday afternoon concerts on February 4 at 3:30 p.m. in the Meeting Place, with a recital by Siegfried Behrend, the most renowned German guitarist of classical and contemporary music. He will be accompanied by Claudia Brodzinska in a programme ranging from Bach to Busotti. Admission is free.

There will be five additional concerts in this series.

HOUSE FOR RENT

Available June 1973 until September 1974. Three storey furnished house in the Lawrence and Yonge area, close to the new subway station opening in March. Three bedrooms on second floor, two study rooms on third floor. Washer, dryer and usual conveniences in basement. Garage. Back garden. \$300.00 per month. Michael Kirkham, 284-3288 or 481-1089.

COURSE EVALUATION

Some time in the coming week, instructors will be asked to hand out to their students course evaluations for spring and year-long courses, and to allow students to complete the forms during class time. If the course has seminars, labs, etc., the evaluation forms will be sent to the instructor of that group; in courses where there are no sub-groups, the lecturer will receive the forms.

There will also be extra forms available for students who took fall courses; but, these are to be completed at home.

VISIT OF HIGH SCHOOL BIOLOGY TEACHERS

On February 9 there will be an exchange of information and ideas on instruction in Biology between a group of Scarborough high school teachers and the faculty in Biology at Scarborough College.

SCARBOROUGH COLLEGE BULLETIN

Number 20

February 9, 1973



THE AULD SOD
by Specks Tator

With a blizzard outside and the balmy breezes of the air conditioning within, the "Sod Turning" for the new residences was held in the (no longer as) new gymnasium last week.

Before a splendid backdrop of drawings and plans and through our usually non-functional P.A. system, Our Dapper Principal introduced David Onley who spoke of the valuable aid Ontario Housing had given in making the residences possible; Mr. Frank French, of Ontario Student Housing Corporation then passed the ball back to the students, without whose feverent interest (he said) the residences would not have been possible. Reciprocal compliments flew and then Ross Flowers led the thronged hordes through the labyrinthine plans. Our agricultural D.P. then introduced Paul Cosgrove, the new Mayor of Scarborough, who turned an emerald sod with an argent spade. Sometime Ploughboy Campbell (Our D.P.) offered his assistance, should turfing prove difficult, but Mayor Cosgrove coped on his own.

After coffee and doughnuts, Dean Walker led a conducted tour of the "R"-wing.

A good time was had by all.

P.S. On entry, our resplendent Security Staff saluted our D.P. and the Mayor. Are we now a "Banana Republic"?

THE FIRST SIX MONTHS

by John Margeson

"How is it working?" is a question about the Governing Council that I encounter almost every day. It is not a question that can be answered in a single word or a single sentence, though I am often tempted to say "very well indeed" and leave it at that.

One striking fact about these early months is the spirit of co-operation evident in all the members of the Council. Everyone seems determined to make the new system work. The setting up of the committee structure, the dividing up of functions that once belonged to a much larger number of Senate and Board committees, has been a Herculean task (no reference to Augean Stables intended), but it has been accomplished successfully even while necessary day-to-day business was being carried on.

The Academic Affairs Committee has had the heaviest burden and has had to function almost like a miniature Senate. It has set up sub-committees in order to delegate some of its tasks but it must at the same time be responsible for the whole academic functioning of the institution. The chairman of this committee has obviously a most important post.

Other committees such as Planning and Resources, External Affairs, Business Affairs, and Internal Affairs have had to concern themselves also with the day-to-day functioning of the University but they have also been able to make plans for larger tasks in the future - investigations into the nature of the University as it will become in the years ahead, its relationship to the City and the Province, its developing relations with citizens and a wide variety of institutions in our society. The Academic Affairs Committee may find it more difficult than the other

committees to emerge from the flood of business in order to look at large issues against a wide horizon.

I have been a member of the Internal Affairs Committee, and therefore concerned with such thorny issues as day-care policy and a disciplinary structure for the university. The mixture of students, faculty, lay-members and members of the administration within this committee has worked extremely well: many of us wonder how it would have been possible to accomplish anything substantial without the range of experience and attitude made possible by the mixed assembly.

The Governing Council itself has worked expeditiously and has been strongly dependent upon the work of its committees. Nevertheless it is already evident that the Council is jealous of its powers and determined to exert them when necessary. The members have been willing to accept committee reports and the guidance of the Executive Committee in most cases but there have been and will continue to be awkward questions enforcing real debate on the floor of the Council. Council meetings are open except for short periods in camera when appointments of individuals are being considered or matters of a similar kind. Information about times and places of meetings can be obtained from the Council secretariat at Simcoe Hall.

I am very hopeful about the new Governing Council and believe it will be both responsible and sensitive to the attitudes of the many different groups within the university. There are difficult problems ahead which may strain its resources of wisdom and sensitivity but in the meantime I am inclined to say that it is working "very well indeed! "



John de Visser
photographer



David Blackwood
painter & printmaker

AN EXHIBIT AT
SCARBOROUGH COLLEGE, UNIVERSITY OF TORONTO,
FEBRUARY 5 TO FEBRUARY 23, 1973

WHAT AND WHY AND HOW ARE WE TEACHING?

by John Kirkness

The quality of the undergraduate teaching being done in the College, as well as the means available for encouraging effective instruction, are the subject of a review currently being undertaken at the request of the General Policy Committee, by a small group of faculty and students. In order to identify areas of concern and need, and to make helpful and realistic proposals, we invite the participation of members of the College whose experience and training, here and elsewhere, have afforded them insights into the roles of teacher and learner, and into procedures and techniques found useful in "stimulating optimal learning behaviour".

To encourage debate on the issue of the role and effectiveness of teaching at the university level, we have invited Professor Edward F. Sheffield of the Higher Education Group in the University of Toronto, to come to the College on Thursday, March 1, to review informally university teaching practices and developments elsewhere. The discussion will be held in the Council Chamber at 2:15 p.m.

Comments and suggestions are very welcome; they should be made to Michael Bunce, John Kirkness or John Perz.

P.O.P. MEETING

There will be a meeting of the People or Planes committee at which various local politicians (of which Stephen Lewis is one) will be speaking. The meeting, to be held at 8 p.m. on February 15 at Woburn C.I. auditorium, will also feature a premiere of Christopher Chapman's film done especially for P.O.P.

All are welcome.

ACADEMIC CALENDAR

FRI. FEB. 9 — R-4226, 3:30 p.m. Physical Science Seminar. E.W. Ellers, Associate Professor of Mathematics, "Unitary Groups of Characteristic 2". Tea will be available in R-4226 at 3:00 p.m. All faculty and students are welcome.

SAT. FEB. 10 — Main Cafeteria, 7:00 p.m. to midnight. Valentine's Day Staff Dance. Tickets \$4.50 per person, available from Sam Smit (room S-112, phone 3260) or through the College mail. Everyone welcome.

SUN. FEB. 11 — Meeting Place, 3:30 The Toronto Consort. A programme of 15th century Italian music will be presented by this unique ensemble. The musicians, in costume, sing and perform on such diverse instruments as the lute, psaltry, recorder, krummhorn, shawm, sackbut and cornetto. Permanent members are: Garry Crighton, David Klausner, Timothy McGee and David Walker.

FRI. FEB. 16 — Durham College Lecture Theatre, 8:00 p.m. Admission \$1.00 Paul Hellyer, former Liberal Cabinet Minister and now a leader in the Conservative party, will present a critical look at Canadian politics.

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OFFICE FOR PART-TIME STUDENTS

In an attempt to intensify identification with Scarborough College on behalf of part time students, an office has been set up. It is located in S-360C, the office of the former Fine Arts portable.

In order to familiarize students, staff and anyone else who is interested with this experiment we are having some free coffee nights. The first ones will be on Tuesday and Thursday February 20th and 22nd from 7-9:30 p.m. Further announcements are to follow.

Joan Pennings
APUS Director

CHAIRMAN OF SOCIAL SCIENCES

Professor L. Tarshis, who has been a visiting professor for the past two academic years, will be staying on at Scarborough College and will continue to serve as Chairman of the Social Sciences Division.

BOOKSTORE CLOSED

The bookstore will be closed on February 15, 16 and 17 for stock taking.

SCARBOROUGH COLLEGE BULLETIN

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February 16, 1973

SAFETY COMMITTEE

In response to a letter from President Evans to Divisions of the University of Toronto, Principal Campbell has appointed a Safety Committee of three, advisory to himself. The members of this Committee are as follows, Mr. I.A. MacDonald, Mr. R. Rigelhof and Mr. G.A. FitzGerald, as Chairman.

President Evans has stated his concern at the high accident incidence within the University of Toronto and as a consequence the University is paying the Ontario Workmen's Compensation Board a penalty of some \$250,000.00 this year. President Evans has asked all members of the University of Toronto to co-operate in a programme to cut down this accident rate.

This Committee, within the next few weeks, will be holding meetings to formulate a safety programme and will be making recommendations to the Principal on ways and means to avoid accidents.

The assistance and co-operation of the College Community is earnestly requested as such a programme can only achieve its goal if every member of the College participates. The Committee would be grateful for any suggestions, ideas, etc., that would be helpful.

All correspondence should be addressed to the Manager, Physical Services.

From time to time the Committee will publish, in the Bulletin, safety hints and news which, hopefully, will assist you to make this programme work.

CREDIT SYSTEM

The College's proposal for a credit system starting in July 1973 was approved on Tuesday, February 13 by the Academic Affairs Committee of the Governing Council.

REMINDER TO STUDENTS:

You can change your faculty adviser if you wish; the arrangements can be made in the Student Council Office, room S-303F.

HUMANITY: STRUCTURAL AND SOCIAL STUDIES IN ANTHROPOLOGY

The central office of a new anthropological journal has been established at Scarborough College. Entitled *Humanity: Structural and Social Studies in Anthropology* (*Etudes structurales et sociales de l'anthropologie*), the journal will be published by Mouton of The Hague, Netherlands, and distributed in all parts of the world. Articles will be either in English or French. The editor is Erik Schwimmer, who teaches anthropology at Scarborough College. The journal will be quarterly, commencing August this year.

The editorial board and committee are drawn not only from Canada and the United States, but also from Belgium, England, Japan, the Netherlands and the Soviet Union. The Belgian member of the Council, Professor Luc de Heusch, is also representing France.

Mouton set up the journal to encourage development in a rapidly growing field in cultural anthropology which is variously known as structural, cognitive and symbolic anthropology. These terms are applied to various schools, in some respects disagreeing with one another, but focussing on common problems. The journal is expected to draw contributions from all these schools and from all countries where relevant enquiry is going on.

In choosing Canada as the centre for the journal, the publisher had in mind a certain eclecticism for which Canadian scholarship is noted (at least abroad), in that the American, British and French traditions are all represented and contact with all of them is easily possible. While such a judgment will surprise some readers, the editor has discovered it to be well-founded.

The publication has a subsidiary office at the University of Montreal, headed by Yvan Simonis. This office will, in the main, be responsible for the French section of the journal, for which contributions are expected from French Canada, France, Belgium, and from those foreign contributors who write more easily in French than in English.

Though the journal is basically 'anthropological', its field of reference is rather wide, as it covers much of sociology, political economy, linguistics, literary criticism, musicology, dance, drama art and even some mathematics. This great variety of subject matter, coupled with the width of area interest, makes Scarborough College a very good centre for the journal. It is easy, here, to find someone to whom one can talk about a paper on Scandinavian mythology, written in Russian, or about a paper on ritual in ancient Rome. We can even have rejection slips prepared in at least twelve languages.

The value of the set-up to students will be mainly indirect but yet substantial. Developments of this sort are increasingly making the College into an intellectual centre, closely in touch with significant ideas at a very early stage of their growth.

Needless to say, the journal is very interested in receiving articles from members of the Scarborough academic community. Robert Shirley is a member of the editorial committee, dealing especially with the Latin American area. Both Schwimmer and Shirley would be most interested in discussing ideas about articles, and provide further information.

DOLLARS FOR RUSSIAN AND EAST EUROPEAN STUDIES

by H. Gordon Skilling

Soviet Russia and the countries of Eastern Europe have only recently moved into the forefront of interest in Canadian foreign affairs. The academic study of these politically, historically and culturally significant lands and peoples in Canadian universities, however, lagged far behind research and teaching in the universities of the United States, Great Britain and other countries. Indeed when the Centre for Russian and East European Studies was founded at the University of Toronto in 1963, little or nothing was being done, except in language and literature, to promote an understanding of the Slavic and other civilizations of Eastern Europe.

The Centre, it was hoped, would encourage the development of Russian and East European studies in fields such as political science and economics, history, geography and sociology, as well as in language and literature, and would coordinate matters of common interest both in research, teaching and library development. In fact in the decade of the Centre's existence, a remarkable growth has occurred, so that at present there are some 45 faculty members whose specialty is Soviet Russia (or its predecessor, Tsarist Russia) or one or more of the countries of Eastern Europe, such as Czechoslovakia, Poland or Yugoslavia. The library holdings have expanded from nearly zero to more than one hundred thousand volumes in Russian and other languages of the area.

The greatest handicap has been the lack of funds. The University assumed that the Centre, like the other centres which have proliferated in the past ten years, would generate its own sources of revenue and would not be included in the

University budget, except for nominal "housekeeping" expenses. It was soon discovered that the American foundations, which had poured millions into Russian and East European Studies in the U.S.A., were shifting their support to Asian and African studies. Canadian donors were few and far between. Nonetheless, during its existence the Centre was able to raise substantial sums from the Varsity Fund, The Canada Council, and the Laidlaw Foundation, for the conduct of an exchange programme with the U.S.S.R. (then the only such exchange in Canada); from the Varsity Fund for the support of a Russian Language Workshop (the first of its kind in Canada), and from various other sources for augmenting library resources and supporting travel and research by faculty and students.

Now as the Centre enters its second decade, a grant of \$150,000 for a three-year period from the Ford Foundation is a testimony of the substantial strength achieved in Russian and East European studies by certain departments, in particular, Slavic Languages and Literatures, Political Economy, History, Geography and Sociology. The funds will be used to provide fellowships and funds for research and travel by graduate students; to assist faculty research and travel; to acquire library material; and to facilitate short-term appointments for visiting professors. The grant thus gives a welcome fillip to the continued growth of Russian and East European studies, now recognized as an integral part of the curriculum and an indispensable contribution to Canadian relations with an important part of the world's peoples.

ACADEMIC CALENDAR

FRI. FEB. 16 — Durham College Lecture Theatre, 8:00 p.m. Admission \$1.00. Paul Hellyer, former Liberal Cabinet Minister and now a leader in the Conservative party, will present a critical look at Canadian politics.

SUN. FEB. 18 — Meeting Place, 3:30 p.m. North York Chorus. Conductor: Dwight Bennett. This fine ensemble is a chamber choir of 30 voices which has sung at Seneca College and Willowdale United Church recently. Their programme will consist of Palestrina's Missa Lauda Sion, Renaissance motets, madrigals and J.S. Bach's Lobet den Herrn.

MON. FEB. 19 — Faculty Club, 8:15 p.m. University Women's Club of Scarborough. Husband's Night. Mr. Lloyd Percival, Director, The Fitness Institute. "Fitter, Healthier, Happier".

WED. FEB. 21 — Room H-214, 4:10 p.m. Gordon Williams, Professor of Latin, University of St. Andrews, Scotland, will give a lecture entitled "Poetry and the Status of the Individual in Roman Society". This lecture is sponsored by the College's Culture Affairs Committee. All are welcome.

THURS. FEB. 22 — Dans la salle S-309 à 16 heures, le film *le Genou de Claire* (1970) un film d'Eric Rohmer (en couleur) sera présenté. Bienvenue à tous.

In the Council Chamber, 10:30 a.m., Art Committee Meeting. All members please attend.

FRI. FEB. 23 — R-4226, 3:30 p.m. Physical Science Seminar. Professor A.E. Jacobs, Physics, will present Superconductivity or "How the 1972 Nobel Prize in Physics was Won". Tea will be available in R-4226 at 3:00 p.m. All faculty and students are welcome.



PRESIDENT'S LETTER

For academic and non-academic staff members who did not receive a copy of the letter from President Evans outlining salary increases, copies are available in S-407.

STUDENT SERVICES OFFICE has moved to S-418 (the former Physical Education Office).

ACADEMIC ACTIVITIES

PROFESSOR W. ISAJIW (Sociology), has been named Programme Chairman for the Symposium to be sponsored by the Canadian Ethnic Studies Association in October 1973.

DEAN A. WALKER (Chemistry) gave a lecture entitled "Safety in the Laboratory" at the Ontario County and Scarborough Secondary School Teacher's Professional Development Day on Friday, February 9, at Oshawa.

SCARBOROUGH COLLEGE BULLETIN

Number 22

February 23, 1973



NOTHING THAT MATTERS

A (Hopefully?) Worthwhile Whimsy

by Ali Tayyeb

Do not ask me why, but perhaps in a weaker moment, or for some other, even flimsier reason, the Editor urged me to write a piece about the ecological and ethical implications of the environmental crisis that assumedly engulfs us all. She knows that I am obsessively neurotic about it. Since many of us believe that indeed nothing is more important than this crisis, the rational in me urged me to write rather on the more important matter i.e. nothing. This brief exercise is therefore about nothing in particular, written, emphatically, with (only) nothing in mind.

In one of his many magnificent works, Bertrand Russell opens the book with the statement: "It is doubtful whether we know anything about anything" — or nothing in fact (my paraphrase). It seems high time therefore that we delved into this matter with appropriate awe and energy. It is somewhat of a pity that human culture has already succeeded in conditioning most of its members to continue to learn about all sorts of things, some relevant, most irrelevant. If for no other reason but a change of pace or stance it may be worthwhile (even rewarding) to take a deep breath, concentrate and at least try it or not, we know nothing can be

more exciting than knowledge per se, even if it be about ordinary things. The pity is that things by their own nature are prisoners of intrinsic definitions like form, size, and mass, and of intrinsic dimensions like space and time. This is true not merely of concrete phenomena like objects and events but even of voids and vacancies. Nothing transcends these crude limitations.

Quantitatively, nothing is independent of human perception and experience, or of the workings of the human mind. Nothing is more beautiful than Love or Truth, or Beauty or God. Nothing is more exciting than the capture of an unexplored fact, the dawning of a new idea, the discovery of our own soul, or the realization of the Spirit that could bind us together. Nothing is eternally true, for there was nothing in the beginning and there will be nothing in the end. Nothing exists beyond the edges of infinity, assuming that infinity does have edges. Finally, nothing is more salutary than the admission of the futility of one's self in general and of this piece of writing in particular. Nothing can change these facts. In short nothing can alter reality itself and that is why it is so important.

VISIT OF HIGH SCHOOL BIOLOGY TEACHERS

by Ian M. Campbell

A group of 40 biology teachers from the Scarborough secondary schools visited Scarborough College on Friday, February 9. In the morning, the teachers met with the biologists from the College; a discussion of the high school biology programmes as they related to preparation for first year biology at the College was led by Professor G.F. Israelstam.

Following a welcome from Principal Campbell, the biology programmes at various high schools were described by the teachers. In return Professor M.F. Filosa presented a brief description of the College's first year biology course. It was found that the high school programmes varied from being general survey courses on living systems at one school to being almost exclusively biochemistry at another.

During the discussion period that followed, some expressed the opinion that greater uniformity in course content for all schools was desirable, whereas others thought that the subject areas covered at a given school were not as important as the way in which the material was presented with regard to motivating students and stimulating a critical analytical approach to information.

At the end of the meeting, the teachers expressed a desire to meet with the biologists at the College on a regular basis. This contact would enable them to discuss teaching problems with us and to keep current with developments in the biological sciences.

In the afternoon the teachers were given a tour of the College facilities by Mr. I.A. MacDonald.

THE PLAYERS ARE HERE

by Michael Schonberg

Scarborough College is bracing itself for the world premiere of In the Wind of the World's Anger, written by Angus Braid and performed by students of Drama BO1Y.

This major cultural event was harbingered by certain ominous occurrences, not the least of which was the cataclysmic eruption of the tiling in the Meeting Place. While the natural disaster did not give cause for exceeding alarm, thanks mainly to the prompt intercession of the powers that are, the upcoming dramatic extravaganza will or should.

The play is about wind as the title suggests — not of the variety which echoes through the venerated seminar rooms of SC, nor of the sort that inspires the hearts of nature lovers in the valley. The wind which will rage in the Television Studio I, 7:30 p.m. from Tuesday till Thursday (admission free but get your tickets beforehand in the Meeting Place) is of the kind which makes "bottles fly, heroes die, and cormorants keep their eggs in paper bags."

It will be an hour of continuous stimulation. Catharsis guaranteed or double your money back.

The Memphis Ornithological Bulletin reports: "It's for the birds. Go see it".

Clyde Barns, N.Y.T.: "Never heard of it, but understand it's a tragicomical metaphthisiscal burlesque farcical op-erratic sexologic hit. What a way to start a season! "

SCIENCE OPEN HOUSE

by Cathy Pickett

The students and staff of the Science Division are holding an Open House on March 3rd and 4th. Our first Open House, two years ago, was a great success with more than a thousand visitors. We expect this year's exhibits to be even bigger and better.

We want to show members of the College and their families and friends aspects of science teaching and research done here. Exhibits on Astronomy, Biology, Chemistry, Physics and Psychology can be seen on Saturday from 1:00 p.m. to 9:00 p.m. and on Sunday from 1:00 p.m. to 5:00 p.m.

The Astronomers will have a telescope set up to see sunspots — if the weather co-operates. Other displays will show how a telescope magnifies distant objects, recent discoveries in radio astronomy and the U. of T.'s new observatory in Chile.

There will be displays covering all aspects of modern Biology:

- (i) view of a single cell as seen through the electron microscope.
- (ii) bacteria and virus structures; their disease causing ability will be shown as well as the role of one-celled organisms in the production of wine and beer.
- (iii) effect of algal growth in our lakes.
- (iv) plants of all types will be displayed and their structure explained.
- (v) marine aquarium with living animals — invertebrates, such as coral and sea cucumbers.
- (vi) learn how to start your own insect collection.

- (vii) a fertilized egg developing to an embryo, illustrated by living frog and chick material.
- (viii) inheritance of various mutations in man, mouse and fruits. (The world's largest mouse will help you to understand genetics).
- (ix) displays explaining the biology of man.

Chemistry will feature two major displays — one on chemical poisons in our food and the other on various forms of energy.

Physics will demonstrate an "air table" and how a laser works. See how your name looks on an oscilloscope!

Psychology will cover a great variety of topics: learning, perception, how research is carried out. A demonstration of how we perceive objects by the sense of sight and touch will show that there is more to vision than meets the eye; for example, some visual illusions will illustrate the fallibility of human perception.

Learning will be illustrated by a computer programmed to play games with you and learn from its mistakes. You can find out how a child learns the concept of conservation of matter. Most people have heard of the "Skinner Box"; you will be able to see the principles of Skinnerian conditioning applied to animal learning. You can tour a research lab and see the techniques used to study human memory.

Our glassblower will show how he makes elaborate "one-of-a-kind" pieces of glassware needed for research work.

Films of general interest from all these scientific disciplines will be shown.

ACADEMIC CALENDAR

FRI. FEB. 23 — H-215, 3:30 p.m. Physical Science Seminar. Professor A. E. Jacobs, will present Superconductivity or "How the 1972 Nobel Prize in Physics was Won". Tea will be available in R-4226 at 3:00 p.m. All faculty and students are welcome.

SUN. FEB. 25 — Meeting Place, 3:30 p.m. Stars of the Kiwanis Music Festival Part I. This concert and the one on March 4 will present exceptional performances by vocal and instrumental soloists and ensembles, as judged at the annual Kiwanis Music Festival.

TUES. FEB. 27 — Television Studio I, 7:30 p.m.. Students of DRAB01Y will be presenting Angus Braid's play "In the Wind of the World's Anger". Free admission.

WED. FEB. 28 — H-214, 12:10 p.m. to 1:00 p.m.. Concert-with-Commentary III will feature electronic music. Special guests will be Timothy Sullivan and John LoPresti. Admission is free.

Television Studio I, 7:30 p.m. Students of DRAB01Y will be presenting Angus Braid's play "In the Wind of the World's Anger". Free admission.

H-214, 4:00 p.m. Michelangelo Antonioni's L'Avventura, an Italian film with English subtitles.

THURS. MAR. 1 — Dans la salle S-309 à 16 heures, le film La Modification, (d'après le roman de Michel Butor) sera présenté. Bienvenue à tous.

Council Chamber. 2:15 p.m. Professor Edward F. Sheffield of the Higher Education Group in the University of Toronto will review "University Teaching and its Improvement". All faculty and students are welcome.

Television Studio I, 7:30 p.m. Students of DRAB01Y will be presenting Angus Braid's play "In the Wind of the World's Anger". Free admission.

ACADEMIC ACTIVITIES

PROFESSOR ALAN THOMAS (English) gave a talk on "The Victorian Street Arab" (with slides) in the Royal Canadian Institute lecture series, Convocation Hall, on Saturday evening, February 24.

PRINCIPAL D.R. CAMPBELL (Economics) gave a paper entitled "Tools which an economic adviser should take with him to Africa" at a conference on Dependence and Development in Africa at Carleton University, February 16-18.

PROFESSOR K.R.J. SANDBROOK (Political Science) who also attended the conference on Dependence and Development in Africa, is organizing a conference to take place at the University of Toronto April 6-8 on the theme of Worker, Unions and Developments in Africa. Participants from all parts of the world, particularly Africa, are expected.

DEAN A. WALKER has been appointed by the Board of Governors of Centennial College of Applied Arts and Technology as their representative on the task force which is being established to make proposals for the transfer of both the Scarborough Regional and Toronto East General and Orthopaedic Hospital Schools of Nursing to Centennial College.

The decision to transfer all Schools of Nursing to Colleges of Applied Arts and Technology was recently made by the Provincial Government.

FOR SALE: 26 foot LUNNENBERG SLOOP. Boat has: head, inboard diesel engine (6 hp), bermuda rig, sleeps 4 adults; made of planked yellow pine on bent oak frame. Recently surveyed. Price: \$1,975.00. Call Abe Ross, 3119 or 922-3391.

אשר יאמר אליו ואלה
הם המעשרות אשר יאמר
אליו ואלה

SCARBOROUGH COLLEGE ADOPTS A CREDIT SYSTEM

On Tuesday, February 13, the Academic Affairs Committee of the Governing Council of the University of Toronto gave final approval to Scarborough College's proposal for a credit system and thus made it the first college or university in Ontario to have a credit system. By this method, students will be free to proceed toward a degree at a rate of their own choosing except that a maximum of six full courses can be taken in the winter session for credit and a maximum of two full courses in the summer session.

The advantage of the credit system to the student is an increased time flexibility in his programme. Since he is no longer limited to five courses per year, a good student may wish to take six courses in the winter session and one or two courses in the summer and thus earn a 15-credit degree in two years. Or, if a student wishes to proceed at a slower pace, he is no longer restricted as a part-time student to a maximum of three courses per winter and two per summer; rather he is free to set his own pace and thus, perhaps, combine a part-time job with university studies.

An important side effect of this system is the elimination of the formal distinction between full-time and part-time students.

EDITOR'S NOTE: An apology to Professor Tayyeb for making "Nothing that Matters" (which appeared on the front page of last week's Bulletin) even more confusing by omitting a line in the middle of the article. The missing line was "...to learn something about nothing. Believe..."

COURSES OFFERED IN WINTER EVENING AND SUMMER SESSIONS

A brochure has been produced listing all the courses to be offered in the next 3 years in the following sessions: summer day and evening at Scarborough College, summer evening at Durham College and winter evening at Scarborough and Durham. A copy of this document will be mailed to each student presently enrolled in part-time study and to the faculty. Anyone else wishing to see this booklet, should enquire at the Office of the Associate Dean and Registrar.

SCIENCE OPEN HOUSE

A reminder that the Science Open House will be held this week-end. The displays will be open on Saturday, March 3rd from 1:00 p.m. to 9:00 p.m. and on Sunday, March 4th from 1:00 p.m. to 5:00 p.m. There will be exhibits in Astronomy, Biology, Chemistry, Physics and Psychology on the first to fourth levels of the Science wing.

There should be something of interest to everyone - especially children.

BLOOD DONOR CLINIC, MARCH 6, 10-4 Meeting Place.

GRAPHICS DEPARTMENT EXHIBIT

The Graphics Department will be having a display of their works on the third floor Science wing. The exhibit will run from March 5 to March 30, 1973.

SAFETY AND ACCIDENT PREVENTION

This will introduce a series of short articles on safety, which will be published in the Bulletin during Spring term. The purpose of the articles is to remind members of the College of the need to review work procedures and to eliminate, or correct, unsafe practices. A definition of "unsafe practices" is not limited to laboratory work or vehicular operation; it also applies to hazards in offices, stores and lunchrooms. There are many instances of familiarity breeding contempt due repetition, somewhat like the farmer who, after driving into the side of another car said, "I don't know what came over me; I have crossed this intersection for twenty years and have always stopped, but I just did not see your car". It takes a conscious effort to change one's work procedures and habits from wrong to right, and if this series is able to achieve this in some degree, the objective will have been reached.

The reference used for the material appearing in the articles is the Safety Manual published by the University of Toronto, 1971.

I.A. MacDonald

PUBLIC SAFETY IN THE WORKSHOPS

It has been the practice of users of the Workshops services, to walk between the machines when approaching the craftsmen to discuss a project. We have recognized for some time that this practice is inherently dangerous due to the nature of the machinery and the type of work usually in progress. On the initiative of Mr. Karl Weisser, and his coll-

eagues, a plan of re-arrangement of the machines to provide walkways and work areas was undertaken to reduce potential hazards to the minimum. This plan has now been accepted. Users of the Workshops are requested to enter the Shops using the marked walkways, and remain within these walkways, or the office area, for all discussions unless they are taken to a particular workbench by a craftsman for discussions.

ART THEFTS AT SCARBOROUGH COLLEGE

The Art Committee of Scarborough College has very reluctantly decided to cancel the remaining art exhibitons which had been scheduled for this academic year, and is not, at present, planning to borrow any works of art for exhibition next year. This decision has been forced on the Committee by the series of art thefts which have occurred since the beginning of term. In the fall, a large sculpture by Victor Tolgesy was carried off; before Christmas, two lithographs by Daniel Hanequand were stolen; and finally, two prints by David Blackwood were stolen from the latest exhibit.

The thefts have brought Scarborough College into disrepute with those artists and galleries who have lost their possessions, and soon there will be few artists willing to exhibit at Scarborough College or insurance companies willing to underwrite a Scarborough show.

The selfishness and greed of one or two people has led to the cancellation of a valuable community programme, and in addition, brought embarassment to the College.

ACADEMIC CALENDAR

FRI. MAR. 2 — H-215, 3:30 p.m. Physical Science Seminar. "Spying on Molecules with Lasers". Professor David May, Dept. of Physics, U. of T. Tea will be available at 3:00 p.m. in R-4226.

SUN. MAR. 4 — Meeting Place, 3:30 p.m. Stars of the Kiwanis Festival - Part II. This concert will present exceptional performances by vocal and instrumental soloists and ensembles, as judged at the annual Kiwanis Festival.

MON. MAR. 5 — Studio I, 7:30 p.m. The Poculi Ludique Societas (the medieval play society of the University of Toronto) will present three rarely seen plays, The Baptism of Christ (Ludus Coventriae), The Temptation of Christ (York) and The Woman Taken in Adultery (Ludus Coventriae). Free admission.

Since accommodation is limited, members of the College are urged to be in good time or to bring their own cushions.

TUES. MAR. 6 — S-319, 4:00 p.m. Professor A. Sherk, Assistant Dean of the School of Graduate Studies, will be at the College to discuss graduate work with the students.

WED. MAR. 7 — H-214, 4:00 p.m. Pierpaolo Pasolini's Teorema, an Italian film with English subtitles.

Faculty Lounge, 4:00 p.m., Social Science Seminar. Professor Nancy Howell will speak on "Demography of Women's Liberation Movement".

THURS. MAR. 8 — Dans la salle S-309 à 16 heures, le film Le Rouge et le Noir (d'après le roman de Stendhal) sera présenté. Bienvenue à tous.



ACADEMIC ACTIVITIES

PROFESSOR PETER CAVE (Geography) was an invited participant at a Federal Government seminar on "Problems of the Urban Fringe" sponsored by the Ministry of State for Urban Affairs, in January. He and Professor John Punter from York University are engaged in research on the landscape impact of exurban settlement in southern Ontario and were invited to comment on the proposed research priorities outlined for the Ministry by Professor Lorne Russwurm of Waterloo University.

While in Ottawa, Professor Cave also presented a seminar to the policy planning and research staff of Central Mortgage and Housing Corporation which has provided funding for his study of residential change in the City of Toronto. This project, reported earlier in the Bulletin, represents the culmination of almost nine years of research which has been directed towards developing a methodology for analyzing the dynamics of residential change in city neighbourhoods.

HOUSE FOR RENT, Don Mills, 3 bedrooms, furnished or unfurnished from the end of March 1973 to the end of August 1974. Recreation room, fireplace. Close to the Don Mills Shopping Centre and the Don Valley Parkway. Quiet area. \$290.00 per month. Phone 444-2290.

SEABOROUGH COLLEGE BULLETIN

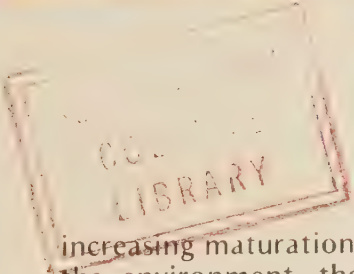
Number 24

March 9, 1973

YOUNG CHILDREN'S THINKING by Professor K. Dion

As shown in one of the psychology exhibits at the Science Open House, young children's concepts of number, mass and volume are often quite different from those of adults and older children. Children were presented with several conservation tasks, adapted from those devised by Jean Piaget, a noted cognitive developmental psychologist. Conservation refers to the child's understanding that the amount of substance or matter in an object stays the same even though the external appearance may change. For example, children were shown two clay balls of equal size, one of which was transformed into a sausage shape. The child was then asked whether the ball or the sausage had more clay or if both had the same amount. A similar procedure was used with water-filled beakers of different shapes. Conservation of number was demonstrated using eggs and egg cups. After the child placed an egg in each cup, the eggs were removed from the cups and rearranged spatially so they no longer visually matched.

According to Piaget, young children's thinking about concepts such as number or mass is dominated by their perceptions. Thus when the spatial arrangement of a group of objects is changed or the shape of an object is altered, they decide that the number of objects or amount of matter in an object has also changed. With



increasing maturation and experience with the environment, the child gradually becomes able to conserve. An informal survey of children trying out the conservation tasks this past weekend indicated the general trends predicted by Piagetian theory. In the age range from 3-10 years, generally a larger number of children exhibited conservation with increasing age. It was interesting to note that sometimes within the same family a younger child (e.g. 4 years) would not show conservation, while to his older sibling (e.g. 8 years), the answers to the problems seemed obvious, particularly on the number task. Many of the children who responded correctly to the conservation tasks were younger than those in the original Piagetian samples. As one particularly interesting example, conservation of volume presumably occurs around age 10-12 years (although Piaget never claimed his age boundaries were rigid). This past weekend one three-year-old and several five-year - six-year-olds responded correctly to the beakers task. Conceivably, many children may now have a greater range of experience with continuous substances such as sand and water as well as discrete objects than was the case with the original Swiss samples.

SCIENCE OPEN HOUSE, held this past weekend (March 3,4), was a great success. 2500 visitors looked at or participated in the displays exhibited by the disciplines of astronomy, biology, chemistry, physics and psychology. Particularly gratifying to those who had worked so hard in arranging the displays, was the enthusiasm of the young children for everything that they saw.

For those who missed the Science Open House, here are photos and descriptions of some events.

THE CHEMISTRY SHOW

Lured by 20gm. of free candy, hoards of children rushed to the hourly chemistry show. The safety-goggled spectators were treated to an inside look of the colourful (and sometimes odiferous) world of the chemist. They saw nylon ropes without end, rubber that shattered and "things" that glowed in the dark. After witnessing the "old-fashioned" methods of chemical analyses, the audience was treated to a demonstration of the modern instruments - "black boxes" - that are used today.

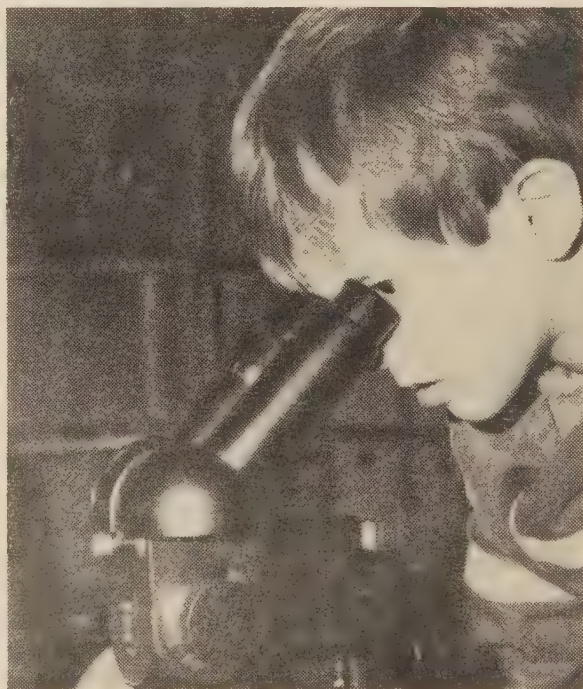
If you have noticed your friends getting slimmer it's probably because they visited the display on "Poison's in your Food", and are living on nothing but dextrose and water. The entire chemistry department was kept awake on Monday morning only by the caffeine that they had extracted on Sunday. The chemist's concern for pollution was in evidence with a display of biodegradable plastic. The final demonstration cleverly turned copper into copper (there were several pretty steps in between).

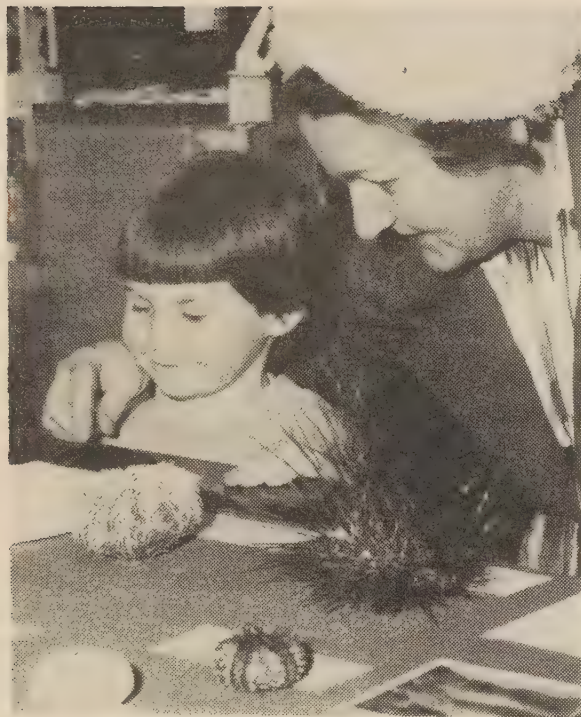
A good time was had by all.

Chem Tator

ARTIFICIAL INTELLIGENCE DISPLAY AT THE SCIENCE OPEN HOUSE

The Computer had one very good day, winning all but 17 out of 85 games on Saturday, and leading the humans for most of Sunday, except for a brief period when a group of Boy Scouts descended on it and worked as a syndicate. The programme was one which learnt for itself how to play the game, having only been programmed with rules, not optimal play, and was one of a set of such programmes which students in PSYC-56S had developed, to display some simple principles of artificial intelligence. As such it worked very well, and was a credit to its designer, John Birgiolas. Among the more interesting features of the weekend was the unwillingness of adults to take part in the game for fear of losing, the enthusiasm of younger visitors, and the apparent inability of several members of Faculty to understand the principles involved, or to read any of the literature on display. They will be welcome to enroll in PSYB56 next fall.





ASTRONOMY AT SCIENCE OPEN HOUSE

All of the professorial staff, 2 demonstrators and 6 undergraduates participated and were pleased with the comments they received from visitors: "Wow", "Amazing", "Fantastic" and "Interesting".

The Astronomy exhibit consisted of:

- 1) posters showing U. of T. observatory in Chile, together with photographs taken there, and photographs of David Dunlap Observatory;
- 2) posters demonstrating the high resolution achievable by radio astronomers using aperture synthesis methods;
- 3) a large photograph of the Crab nebula showing the neutron star and an explanation of what a neutron star is;
- 4) a demonstration of telescopic magnification and resolution using a Questar telescope which looked at a postcard-sized picture of the Crab nebula some 60 yds away;
- 5) a "Son et Lumière" show taking the viewer on a trip to the very fringes of the universe;
- 6) and on Sunday afternoon 3 telescopes were set out on the balcony beside S-421 to view the (single, lonely) sunspot near the solar limb.

UNIVERSITY OF TORONTO EMPLOYEES CREDIT UNION LIMITED

The rate of growth in membership and total assets, which was forecasted by your Directors at the last Annual Meeting, is being sustained. We now believe that the Credit Union should exceed 4100 members with total assets of our and one half million dollars, by end of April 1973. It is obvious that the Credit Union is being accepted by an increasing number of people as the place to put surplus funds for investment and to borrow money for short term needs and for mortgages. If you have a financial concern call the Credit Union office at 928-3220.

Members should make note in their calendars that the Annual Meeting is coming up in May. The date selected and the programme for the Meeting will be mailed to all members in April. Please try to attend this meeting and give your Board the support it needs.

I.A. MacDonald,
Director

HOUSE FOR RENT

Available June 1973 until September 1974. Three storey furnished house in the Lawrence and Yonge area, close to the new subway station opening in March. Three bedrooms on second floor, two study rooms on third floor. Washer, dryer and usual conveniences in basement. Garage. Back garden. \$300.00 per month. Michael Kirkham, 284-3288 or 481-1089.

ACADEMIC CALENDAR

SUN. MAR. 11 — Meeting Place. 3:30 p.m. Etobicoke Chamber Singers. Conductor: Clive Dunstan. The programme of this distinguished choir of 20 musicians which has sung with the Etobicoke Philharmonic and performed for Maclean-Hunter Cable TV and the CBC will include music by Palestrina, Elizabethan Part Songs by Vaughan-Williams, three songs by Emily Dickinson, and composer W.K. Rodgers, and Songs From the Newfoundland Outports by Harry Somers.

MON. MAR. 12 — Faculty Club, 8:15 p.m. University Women's Club of Scarborough. Professor D.R. Campbell, Principal, Scarborough College, will give a talk entitled "University 'as a stronghold of authentic Humanism'".

WED. MAR. 14 — Meeting Place, 12:00 noon. Concert-with-Commentary IV will feature the Toronto Brass Quintet in a programme of 16th, 17th, and 20th century music.

THURS. MAR. 15 — Dans la salle S-309 à 16 heures, Le Bonheur (1965), un film d'Agnès Varda (en couleur). Bienvenue à tous.

H-214, 7:00 p.m. J.I. Rempel will give a lecture on "Building with Wood and Other Aspects of 19th Century Ontario Architecture".

EDITOR'S NOTE: Professor Thaler, the other candidate in this constituency, was also invited to make a few comments on his own behalf. As yet, I have received nothing from Professor Thaler; but, hopefully there will be an article next week.

The election will close at 4:00 p.m. on March 20, 1973.

SUMMER COURSES IN EUROPE

In addition to the regular summer sessions offered at all three campuses, University of Toronto is offering degree courses in Europe from July 4th to August 14th as follows: in Nice, France, 1 English and 4 French courses; in Siena, Italy, Fine Art and Italian courses; in Trier, Germany, 1 History and 2 German courses. Professor Scavizzi is one of the fortunate instructors to be participating in this summer session; he will be teaching FARB36Y, *Early Renaissance Painting in Tuscany*, at Siena.

The cost to the student is approximately \$750.00 to \$800.00; this sum includes round trip, tuition for one course, room and board. Anyone wishing more information should write to the University of Toronto, Division of Extension, 119 St. George St. or telephone 928-8692.

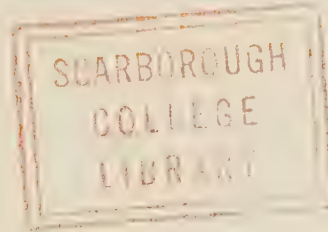
WHY VOTE FOR W.J. HOWARD?

The final jurisdiction for all decisions about Scarborough College is The Governing Council of the University of Toronto, and no voting member will be heard in that council except the one you elect. Therefore, it is imperative that all Scarborough staff vote to have an informed delegate. To be informed the elected delegate must possess a knowledge of the traditionally structured colleges including Erindale, and the new directions and goals Scarborough has undertaken which, it seems, needs continual explanation. Although opinions may differ, I fail to see how Scarborough can be adequately represented by anyone who is not thoroughly familiar with the altered situation effected in the past few years on the Scarborough Campus, and agrees with the liberal attitudes those changes manifest.

Wm. J. Howard,
Associate Professor,
Scarborough College

SCARBOROUGH COLLEGE BULLETIN

Number 25



March 16, 1973

PRINCIPALS' VISITS

by Professor John Corbett

In the present state of Ontario universities, we do not need to be reminded of the importance of attracting good students to enroll at Scarborough College. Obviously, too, improved communications between the College and local high schools will facilitate greater co-operation between us. With this in mind, Principal Campbell has recently held a number of lunch-meetings with the principals of local high schools. The College was represented at these meetings by the Registrar, Jim King, and staff from his office, some people from the University Office of Admissions and an assortment of faculty.

Having taken part in one of these meetings, I would say that the contacts established and the exchange of views will certainly contribute to attracting students to the College. But these meetings seem to me to have had a wider significance; assuming that everyone involved in teaching has a common interest in improving the "system", co-operation and an exchange of views makes it much easier for

the College and the high schools to take a common stand where their interests coincide, and to define and deal with areas of conflict. I personally was surprised to find that areas of disagreement were more restricted than I had imagined; many of the high school principals expressed concerns about academic "standards" and educational philosophy - something which might surprise people who think of the University as the only institution concerned with such questions!

If these meetings have helped people at the College and the high schools to understand each other and to co-operate more effectively, and if future meetings of this sort can be broadened to include more "ordinary" people at all levels - students and teachers, it seems to me that the future role of Scarborough College is assured. In any case Principal Campbell deserves a vote of thanks from everyone at Scarborough College for sponsoring these meetings and laying a good foundation for further "communication" with the local high schools.

SCIENTIST'S MICE DON'T KNOW IF THEY'RE RATS OR HAMSTERS

(The following is an article that appeared in The Toronto Star).

Psychologist Lester Krames has mice in his University of Toronto laboratory that think they're rats. So do some of his hamsters and gerbils. And even his rats don't know the difference.

It came about because Krames, at the U. of T.'s Erindale College, and another psychologist, Bill Milgram of Scarborough College, decided that the typical approach to the study of animal behavior can be misleading. Laboratory animals are obtained from animal farms and studied without regard for what happened to them before, explains Milgram. Yet such an approach to the study of human behavior would be considered a glaring oversight.

Do mice, for example, behave the way they do because they're mice or because of the way they're brought up? To find out, the scientists put baby mice, hamsters and gerbils into rat litters and the mother rats nursed and raised the strangers as their own. All developed uncharacteristic ways of behaving. They'd cuddle and sleep together. Rats would spend time grooming mice. Hamsters didn't roll over on their backs, squealing and raising their legs to protect themselves when frightened — a response considered typical among these animals. Mice would climb on the backs of rats to get at food suspended from the top of the cage. "Normally rats wouldn't tolerate that kind of thing", says Krames.

And when hamsters and rats raised together grew into adulthood, they mated with each other, though no fertilization occurred. Normally, says Krames, if you put a mouse and rat together, the rat will

kill the mouse. This killer instinct seems to vanish in the female rat when she has babies, allowing her to accept intruders. But after the young are weaned and removed, the mother rat will kill the adopted mice if they're returned to her cage.

Milgram notes that another unquestioned practice is to give rats a standard laboratory diet of food and water while doing all kinds of research on their behavior. Milgram decided to give his rats nothing but lettuce and found that they survived quite well over the four months the experiment continued. At first, the rats lost weight, then their weight stabilized and eventually they started gaining again. Milgram notes that lettuce is 95 percent water and that while it contains many nutrients, they occur only in small amounts, and it's unlikely lettuce contains everything rats need. "There's a dogma that says you have to be very careful about what you eat", he says. "I'm a little sceptical of it now because of our observations of these animals". But he stresses that he's no expert in nutrition and confesses that Krames is taking vitamins after reading Adelle Davis, U.S. nutritionist and author of several best sellers on proper eating.

Milgram has found that young born to rats on a lettuce diet are slower developing — they're smaller and take longer to open their eyes among other things — than the young of mothers on the normal lab diet. He plans to continue his experiments to find out what other differences there are between normally fed and lettuce-fed rats. Rats on the lettuce diet, he says, eat between one and one and one half large heads a day. And what happens when they're taken off lettuce and put back on lab chow and water? "They just eat and eat".

SAFETY MEASURES IN LABORATORIES

(2nd of a series of articles on safety)

Everyone who works, or studies, in a laboratory should be taught the correct procedure to be followed in using chemicals and laboratory equipment. These procedures should include a means of checking to ensure there is ongoing adherence to safe procedures, and that everyone learns how to use new materials subsequently introduced into the lab.

There is little likelihood of a major fire in the College but there are real dangers from explosion resulting in a localized fire, chemical spills, chemical fumes being spread through the air circulation system, electricity, and the high revolution equipment in some rooms. All who work in labs should familiarize themselves with the section of the U. of T. Safety Manual, "Working in Chemical Laboratories".

A few items from the reference manual are worth emphasizing here:

- a. Hazardous chemicals should not be carried in unprotected glass containers - the safety containers available in the Academic Stores should be used;
- b. Toxic chemicals should not be used or poured in the open lab, they should be used in a fume hood;
- c. Excess stocks of flammable chemicals should not be accumulated in labs; order only the quantities required for immediate use;
- d. Do not work alone, use the buddy system;
- e. When working at night, or on dangerous experiments, arrange to have someone else visit the lab periodically;
- f. Do not eat or drink in a laboratory;
- g. Compressed gas cylinders will become a dangerous missile if the valve is broken, always ensure the cylinder is secured when it is vertical.

There have been several instances in the recent past of near accidents in labs due to faulty use of dangerous chemicals. It is imperative that everyone who uses or is responsible for the use of hazardous chemicals (and in this context the term hazardous chemical is used in its widest sense) takes every precaution to ensure that safe limits are observed in the quantity, composition and area of use.

I.A. MacDonald

UTSA NEWSLETTER

The University of Toronto Staff Association publishes a monthly newsletter. Copies of the March issue are available in S-407 (the reception area, Office of the Principal) for those members of the non-academic staff who are not UTSA members but who would like to know something of the activities of this organization. This month's newsletter contains articles by the two candidates (non-academic) for the Governing Council.

The stated purpose of UTSA is to unite the diverse members of the administrative staff into one organization, responsible to its membership and capable of taking common action on any matter affecting their welfare and through its standing committees, to provide assistance in handling grievances relating to salaries, classifications and other personnel problems.

STUDENTS LOOKING FOR JOBS should note that the University of Toronto Career Counselling and Placement Service has moved to 344 Bloor St. West, 4th floor; phone 928-2537.

The Career Counselling and Placement Centre has expanded its facilities so that you can now plan your career, look for employment, talk to a counsellor or just browse in the library more comfortably.

CAREER COUNSELLING: Drop in or make an appointment by phoning 928-8590. Counsellors will help you plan which courses to take so that you can keep as many career alternatives open as possible, discuss techniques for job hunting, and inform you regarding the present labour market.

CAREER LIBRARY: The library contains the following: occupational information, company binders, summer work, study and travel abroad, Canadian, U.S. and U.K. calendars.

SUMMER JOBS: You can register for summer employment and check the bulletin board for current listings.

PART-TIME JOBS: On the bulletin board you will find requests for anything from research assistants and teachers to chauffeurs and bartenders.

PERMANENT JOBS: If you are graduating in the spring or if you have decided to leave University at the end of the year, you are eligible to register for the Individual Job Referral Service as of March 1, 1973.

G.S.A.R.: If you are a graduate student about to receive an M.A. or Ph.D. you can set up a dossier for the purpose of applying for academic positions.

WHY VOTE FOR G.R. THALER?
(Governing Council — Scar.-Erin. Constituency)

As President Evans noted in a recent public address, decision-making in the university has changed. It is now seen to be preferable to reach decisions by the slower method of consultation and consensus, in order that the decisions reached will be accepted by all members of the university community.

My agreement with the President influences my interpretation of a faculty member's role on the Governing Council. Continuing awareness of what the real problems are, and what the faculty at Scarborough and Erindale wish, will require personal contact, and notifying constituents in advance of what the Governing Council is planning.

If elected, this is the approach I intend to follow. My personal addition is that if a decision is reached by this method it must then be respected.

G.R. Thaler
Assistant Professor
Erindale College

RESULTS OF SCSC ELECTIONS

Pres.: Ross Flowers
V.P.: Scott Cavalier
V.P.: Chris Waddell

2nd year rep: Donald Allen
Bob Sands

3rd year rep: Sheila Montgomery
Smita Sengupta

4th year rep: David Onley
Heidi Hehn

SCARBOROUGH COLLEGE BULLETIN

Number 26

March 23, 1973

THE HOUSE JACK REBUILT by J.A. Lee

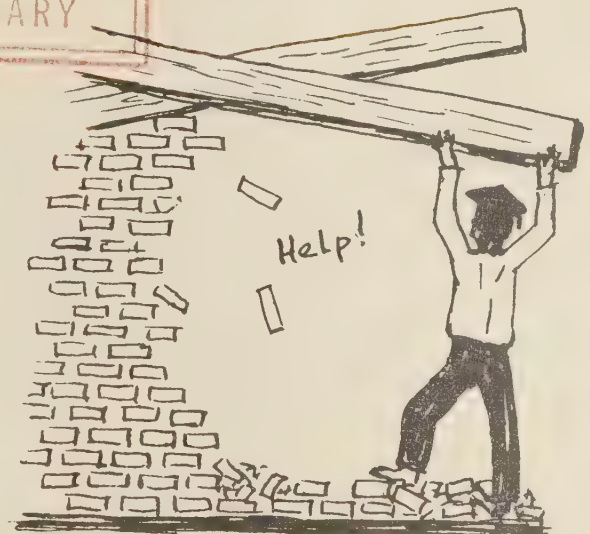
At first Jack's tenants asked politely for improvements, but when he didn't move fast enough, they started picket lines, sit-ins and rent strikes. So Jack agreed to remodel, but as cheaply as possible. "Give it a fast paint job" he told the decorators.

But when the painters tried to peel off old wallpaper, some plaster came with it. So Jack called in plasterers but the more they patched, the more old plaster fell on them. "OK" Jack sighed, "We'll have to put new wallboard on - but for god's sake don't hammer too hard. Some of these walls might give away".

Alas, he warned in vain. The carpenters had to be called in to rebuild the rotting walls. So Jack made a virtue of necessity. "As long as you're redoing the walls, we can move that one there - and make an extra apartment on this floor". But now he'd done it! The workmen moved a bearing wall and the second floor caved in. Poor Jack - he was right there, supervising.



Last week our local curriculum carpenters were getting closer to bearing walls. Not many of the old underpinnings still stand unweakened.



The remodelling started several years ago with the New Program. Of course that pulled down a lot of old plaster such as content-centred sequential lecture courses, final exams, and lock-step pre-requisites. We rushed in essays to replace final exams but the essaymongers are busy undermining the scaffolding. We've shuffled course titles until we hardly know what's going on. Last week the Curriculum Committee tried to sort out which Biology students who took one course could take the first half of another, who could take the second half but not the first, who could take both and who neither. The motion was referred back for clarification.

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Then we got near a bearing wall. It seems the old house had something called an average. You know, the sort of average used to sort "A" students from the lesser breeds for scholarships and graduation ceremonies. But we've already pulled out one wall by replacing the year system with a credit system. A student can now do one or two courses in a session, or five or six. How should year averages be calculated?

By the session, of course. A student who takes 15 courses at the pace of 6, 6 and 3, can work hard in his third session and get an A average in only three courses while the poor bloke who does five courses in his last session has to average A over all five. The optimism would be 6 winter, 2 summer, 6 winter, then one summer course - an "average" on his last session based on one course! (An accumulative system was discarded, for good reasons - it would penalize the student who did poorly in his first session but improved later).

Oh, by the way. The new average will be constructed out of the old wallpaper (the arithmetic mean) because the tenants asked for it. (They were fond of the old pattern). The session average will be recorded as both a letter grade and a percentile. Of course everyone knows that an arithmetic mean is the most useless of averages, but who cares? The tenants like it that way.

A student with one C (68), one B (78) and one good A (94) can get an A average $240/3 = 80$ while the student with three B's and two A's can still end up with just a B average, not even B. (e.g. $70, 73, 75, 80, 83 = 380/5 = 76\%$).

I wonder when Jack and the tenants will make one small alteration too many, and the whole crazy patchwork will come tumbling down? (With us inside it!).

NOMINATIONS TO COMMITTEES OF COUNCIL

There are still many vacancies on College committees, but little time left: nominations must be in by 5:00 p.m., Monday, March 26. There are lists posted in the Faculty Lounge, in the Divisional Offices, and in the Meeting Place indicating which committees have vacancies.

The procedure for nomination is simple: the nominee's name must be proposed by two people in his/her constituency on a nomination form (available in the Divisional Offices, Post Office, Registrar's Office, and Reception Desk at the front door), and the nominee must sign the form indicating his/her willingness to let his/her name stand. The form should then be sent to Mr. N. Dobbs, Assistant Registrar.

So, check the list and make certain that your constituency is represented.

ART SALE: acrylics, water colours, ink-drawings, lithographs, pastels. Come to H-512. Bonnie Clancy.

OUTSTANDING TEACHER AWARDS by W.J. Kirkness

Increasing the quality of undergraduate student learning in the University involves, among other things, attention to the role of the class instructor. One means of encouraging this attention, currently being given general discussion within the local academic community, is the Teaching Awards Programme developed by the Ontario Confederation of University Faculty Associations. The purpose of the programme, established following the Canadian Association of University Teachers' review of university teaching effectiveness, is to give recognition to outstanding teachers in Ontario universities. Up to twenty OCUFA Teaching Citations are to be awarded per year for excellence in these categories:

- i. outstanding teaching (individual or team)
- ii. successful educational innovation
- iii. successful curriculum development
- iv. authoring of outstanding textbooks

The criteria for judgement are being left to the discretion of the group bringing forward names of faculty whom it considers worthy of nomination.

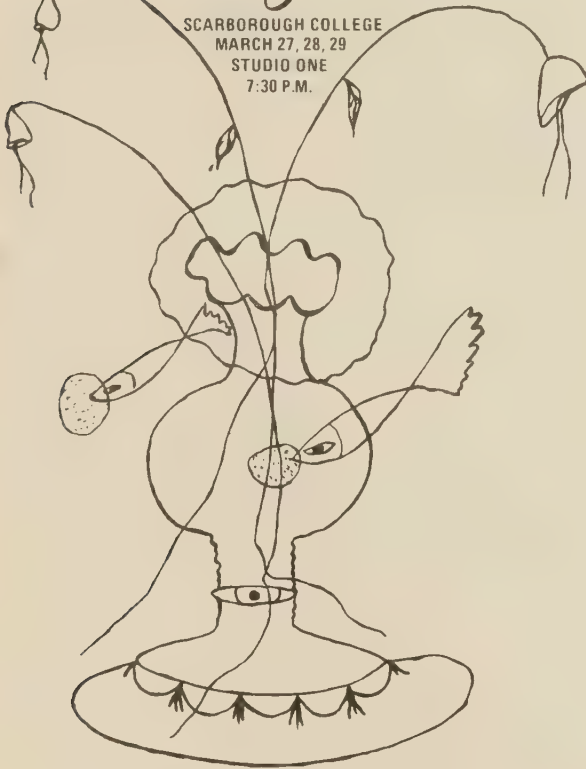
Members of the College who would like further information about the awards and/or who are keen to nominate superior Scarborough teachers for the Citation are invited to contact the OCUFA office in Toronto (40 Sussex Ave. M5S 1J7) or to call John Kirkness (3141).

Love of Don Perlimplin
for Belina in Her Garden
an erotic lace paper valentine in four scenes

by

Federico Garcia Lorca

SCARBOROUGH COLLEGE
MARCH 27, 28, 29
STUDIO ONE
7:30 P.M.



also

The Stronger
BY A. STRINDBERG

ACADEMIC CALENDAR

FRI. MAR. 23 — R-3232, 2:30 p.m. The Library Committee will meet to continue discussion of a new loan and fine policy for 1973-74. All those interested are welcome to attend.

MON. MAR. 26 — Council Chamber, 1:00 p.m. Lecture by Professor Gaberell Drachman of Ohio State University, entitled "Is Competency Only Performance After All? "

MAR. 27, 28, 29 — Studio One, 7:30 p.m. *Love of Don Perlimplin for Belisa in her Garden*, an erotic lace paper valentine in four scenes by Federico Garcia Lorca. Also *The Stronger*, by A. Strindberg (same time and place).

WED. MAR. 28 — Council Chamber, 2:00 p.m. Professor Peter Russell, Principal of Innis College, will be speaking on "The Innovations in Curriculum and Instruction at Innis".

THANK YOU, BLOOD DONORS

We sincerely appreciate the opportunity to hold blood donor clinics in your College. There were 235 units of blood collected from the 251 donors who attended. This is the best winter clinic for the College as far back as our records go, although the fall clinic is always very successful. We are very grateful to all those who attended.

We particularly wish to convey our appreciation to the Students' Council for everything they did to make the clinic a success and to Mr. Mann and his staff for the co-operation they extended us. Many, many thanks to all who participated.

Mrs. W.A. Voss,
Director,
Blood Donor Service.

THE INNOVATIONS IN CURRICULUM AND INSTRUCTION AT INNIS

Since its establishment in 1964, Innis College has encouraged the development of an academic programme distinct from that established in other Colleges and University departments. Over the past three years, the experimental courses developed by the staff and students of Innis have focussed principally on contemporary issues and problems. No attempt has been made to duplicate courses and teaching traditions already well established in other divisions of the University. The entire programme gives participants opportunities, not always available elsewhere, to work in new fields of study (e.g. Myths and Reality, The Political Structure of Scientific Thought) and to combine studying about something with doing that thing (e.g. Power and Strategy in City Politics). This concern with the integration of knowledge and experience is associated with the College's general aim to foster both free intellectual enquiry and personal development.

Professor Peter Russell, Principal of Innis College, will discuss aspects of his College's programme at an open meeting to be held in the Council Chamber on Wednesday, 28 March at 2:00 p.m.

CHAIRMANSHIP OF COUNCIL

Nominations for the chairmanship of Scarborough College Council should be forwarded to Mr. N. Dobbs by 5:00 p.m., Monday, March 26. Nominations should be signed by a nominator and a seconder (who must be a member of Council) and by the nominee, indicating his/her willingness to let his/her name stand.

SCARBOROUGH COLLEGE BULLETIN

Number 27

March 30, 1973



AN AFRICAN WORKING CLASS?

by Richard Sandbrook

The historical role of the working class has recently been subject to reassessment. Frequently repudiated are the Marxist views that the proletariat constitutes either, as Marx's and Engels' classic scheme would have it, the revolutionary social force in capitalist societies, or, as Lenin believed, the pre-eminent element in a revolutionary alliance with the poorest strata of the peasantry, or, finally, as Mao holds, the leadership cadres needed to mobilize the downtrodden peasant masses into conscious, revolutionary action. Consider, for instance, the meagre role attributed to the working class in Barrington Moore's brilliant effort, in Social Origins of Dictatorship and Democracy, to delineate three historical routes to modernity. Owing to Moore's concentration on the intricate coalitions and conflicts involving three social classes - the bourgeoisie, the landed aristocracy and the peasantry - the proletariat almost disappears from view as an historical actor. In a similar way Eric Wolf, by classifying as "peasant wars" the revolutions in Mexico, Russia, China, Vietnam, Algeria and Cuba in a book entitled Peasant Wars of the Twentieth Century,

clearly indicates his assessment of the unimpressive revolutionary role of the working class. Perhaps Frantz Fanon in The Wretched of the Earth has been most emphatic in dismissing the workers' revolutionary potential in the third world. Not the workers but the poor peasants are, for Fanon, the wretched of the earth. The native proletariat, enjoying a privileged and well-remunerated position under colonial (and, by implication, neo-colonial) rule, has everything to lose in a violent struggle for liberation. On the other hand, the peasantry, having nothing to lose but its impoverishment and retaining a "stony pride" in the face of all indignities, represents the authentic revolutionary force.

Writers without a radical commitment have also downgraded the historical role of the working class. Consider, for instance, the often quoted study by Kerr, Dunlop, Harbison and Myers entitled In-

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dustrialism and Industrial Man. These authors, generalising on the basis of a multiplicity of case studies carried out by a team of researchers around the world, have claimed that "worker protest" is a diminishing rather than an increasing force as the "evolution of industrialization" unfolds. One of their central points is that worker protest, left to itself, will be directed toward winning gradual, incremental advances in wages and working conditions. But worker protest, they feel, is seldom a matter for the workers only; this protest can be "owned" by various groups, the ruling elite as well as its opponents. Such outsiders as "revolutionary intellectuals" and "nationalist leaders" can, under certain conditions, channel the workers' grievances into a revolutionary movement. However, the conditions for class warfare are becoming increasingly exceptional, the exceptions including a "dynastic elite that does not adapt fast enough" and a "colonial regime that does not transfer power fast enough". One reason for the decline in the next century of class conflict involving the workers is apparently that employers, owing to an enlightened sense of self-interest, will willingly grant concessions to their employees. The other reason seems more ominous in its implications: it is that elites have gained more experience in controlling worker protest. The authors observe, without demur, that workers' organizations have proved "quite receptive to the guidance involved in the development of consensus in an industrializing society, and even to more direct guidance by the elite through selection of goals and of men. Most labor organizations are, in fact, to one degree or another, a part of the established system".

To assess the validity of recent views such as these, the African Studies Com-

mittee of the University's International Studies Programme is convening on April 6th-8th an international conference entitled "Workers, Unions and Development in Africa". Our aim is to seek answers to the central question of whether various writers are correct in forecasting a fairly passive role for organized labour in the political and economic life of Africa. The first panel will provide some historical perspective by probing the extent to which a consciousness of common interests emerged among working people during the colonial period; this requires an analysis of strike actions, the emergence of ephemeral trade unions, and the instituting of political action by workers' organizations. This discussion will be continued in the second panel which focuses on the question of the extent to which African unions today are working-class institutions responsive to the desires of their largely illiterate and semi-literate rank-and-file. The third and fourth panels will then deal in turn with working-class action in the economic and political spheres of contemporary Africa. A feature of this conference which promises to make the discussion particularly rewarding is the participation of trade union officials from both East and West Africa and Canada. The social scientists and historians who will contribute papers or provide critiques are drawn from Africa, Europe and the United States, besides Canada. The conference will be held in the Council Chambers, Galbraith Building (35 St. George Street) from 9:30 a.m. to 5:00 p.m. on April 6 to 8; it is of course free and open to the public. Anyone desiring a programme or further information should contact either the International Studies Programme (928-3350) or myself, the conference organizer.

LABORATORY WASTE DISPOSAL

(3rd of a series of articles on safety)

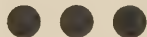
Flammables, acids and broken glass are hazardous wastes. Liquid wastes should be collected in labelled containers and turned in to the Academic Stores to be held for pick-up by the University waste disposal teams. At no time should volatile waste or acids be poured down the drain. Broken glass and paper waste should be collected in appropriately marked containers to await pick-up by the caretakers. Plant and animal waste should be collected in separate containers and placed in the chill room on the 1st level (room S-102), by technicians or research assistants.

Hypodermic needles and syringes should be broken off at the bulb to prevent further use. All radioactive wastes are to be disposed of in accordance with the procedures set forth by the Radiation Protection Office.

I.A. MacDonald



ART SALE: acrylics, water colours, ink-drawings, lithographs, pastels. Come to H-512. Bonnie Clancy.



THE CHAIRMAN OF SCARBOROUGH COLLEGE COUNCIL for 1973-74 will be Professor C.E. Hopen (Anthropology).

A MEETING OF ECONOMICS TEACHERS

Scarborough College Economists met Wednesday, March 14 with teachers of economics in Scarborough high schools to exchange ideas on coordinating their respective programs. The meeting was organized because almost all high schools in the area offer at least one course in economics, and some offer courses at both the 12th and 13th grade levels; the College could supply a more cohesive learning program if faculty were aware of the preparation of the high school graduate.

One possibility brought to light at the informal gathering in the Faculty Lounge is allowing students who have excelled in high school economics courses to skip the introductory course here at Scarborough and begin their study of economics with B level courses, thereby recognizing their high school accomplishment. Both sides expressed hope that this idea and other suggestions discussed will be further explored.



RESULTS OF NOMINATIONS

The nominations for membership of committees of Council closed on Monday, March 26 with many vacancies unfilled; for example, the Curriculum Committee still has 2 faculty positions open. There are a few constituencies for which more than one nomination was received; in these cases, elections will be held in April. The vacancies will hopefully be filled in by-elections to be held in the fall.

The newly-elected members will assume their responsibilities on April 30th.

ACADEMIC CALENDAR

MON. APRIL 2 — Room R-3228, 4:10 p.m. Curriculum Committee meeting. Among the items on the agenda are the report of implementation of the credit system, the proposal for Study Elsewhere Programme and the report on implementation of College proposals for curricular development.

FRI. APRIL 6, 7, 8 — Room 202, The Galbraith Building, 35 St. George St. 9:30 a.m. to 5:00 p.m. Conference on "Workers, Unions and Development in Africa" sponsored by the International Studies Programme and the Centre for Industrial Relations of the University of Toronto.

FRI. APRIL 6 — Council Chamber, 3:00 p.m. A meeting of the Court on Examinations and Term Assignments has been requested according to Item VI.3 of the Guidelines for the Court.

2ND ANNUAL RUSSIAN DAY
Monday, April 2, 1973

MUSIC LECTURE

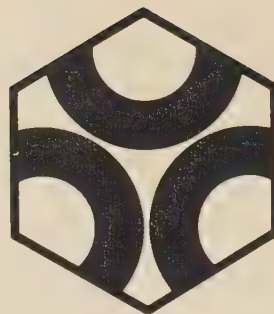
"Russian Nationalism in Music: External Challenge to the Central Tradition" Mr. Lawrence House, Musician in Residence. Council Chamber, 11-1 p.m.

RECITATION OF POETRY

"Poetry of Love and Disenchantment" Russian poetry reading in translation from Mayakovsky, Esenin, Evtushenko, Voznesensky and Brodsky. By members of the Drama Workshop. S-128, 2:30-4:00 p.m.

MOVIE

Danny Kaye: The Inspector General H-214 5-7 p.m.



DID YOU KNOW THAT . . .

- With the advent of the credit system the distinction between part-time and full-time students will disappear and will create a new problem in student organization and representation on College committees. One solution would be the merger of the groups representing full-time and part-time students. Such a possibility is now being considered by the students.
- Applications from Grade XIII students giving Scarborough College as their first choice have increased significantly from previous years; however, it is too early to predict the final outcome.
- In its meeting on March 15, the Governing Council of the University of Toronto lowered the age of eligibility of non-matriculant students (those lacking a grade XIII diploma) from 23 to 21.
- The Governing Council of the University of Toronto will hold its next meeting at Scarborough College on Wednesday, April 18 at 4:00 p.m. The meeting is open to all.
- A brochure on the student residences is currently being prepared. Anyone wishing a copy should inquire at the Student Services Office, room S-418.

SCARBOROUGH COLLEGE BULLETIN

Number 28

April 6, 1973

A QUIET REVOLUTION

by R.B. Caton

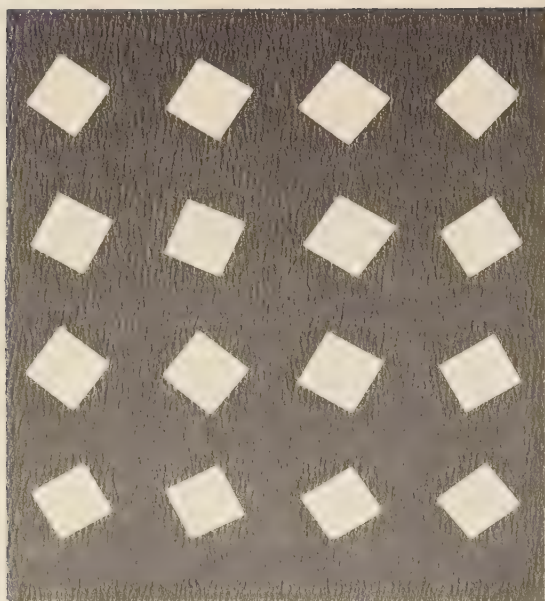
Scientific revolutions occur when a critical number of scientists change their fundamental assumptions about the nature of the physical universe, writes T.S. Kuhn in *The Structure of Scientific Revolutions*. In their own quiet way, the Physical Sciences Group began a liaison last week which may eventually overturn one of the favourite paradigms of university scientists, which is that "science" is defined by those activities which take place in university research laboratories.

Approximately thirty Department Heads of Chemistry, Mathematics and Physics from local high schools met with the teaching staff of the Physical Sciences Group last Wednesday, March 28, to discuss the current state of science pedagogy. As Physical Sciences Chairman Bert Corben said in his introductory remarks to this all-star gathering, there is an "impedance mismatch" across the high school/university interface which produces undesirable transient effects. Some serious consequences of this mismatch are students who are repulsed by "hard" science and students who fail university science courses.



The College staff who participated in these discussions seemed favourably impressed that "science" indeed does happen in high schools. It was also apparent that high school teachers and university professors share many of the same pedagogical and philosophical dilemmas. For example, one of the eternal scientific problems was debated heartily over dinner, namely, the difficulty of discovering the most appropriate format to stimulate professional interaction at tea time. The debate continues. The much easier question, "Why are we educating students in science?" was dispatched forthwith, at least in the Chemistry group, where we couldn't produce any plausible answers.

The spirit of the meeting was epitomized by one of the high school representatives in a remark to Principal Campbell, who had been made an Honorary Physical Scientist for the occasion (without the approval of the General Policy Committee). Said the teacher, "We enjoyed talking with our colleagues, and the wine was excellent". Of such stuff is communication built.



Painter/sculptor LEO KLAUSNER will have an exhibit of his kinetic sculpture on April 6 to April 27, Scarborough College, U. of T.

DID YOU KNOW THAT . . . ?

—The calendar, listing the courses to be given at Scarborough College for 1973-74, will be available in about one week. Copies will be distributed to the faculty via the College's post office; students will be asked to pick them up from the Registrar's office.

—Once the calendars are available, pre-registration will begin for 2nd, 3rd, and 4th year students. This year, students will need the signatures of their faculty advisors on the pre-registration forms.

—The Student Services Office reports that student response to the credit system has been very favourable. Students are relieved to discover that they are permitted to take summer courses to replace the ones that they have dropped or expect to fail.

—Students interested in application forms for "Experience '73" (summer jobs through the Provincial Government) should contact the Student Services Office or call the Government at 965-3546.

—The area on the 3rd level of the new wing facing the visitors' parking lot will be used as a gallery for art exhibits. The first exhibit to be displayed there will be a collection of work by students in the Fine Arts courses and a private collection of political posters from Cuba. The exhibit should be ready in mid-April.

The Leo Klausner exhibit of kinetic sculpture, starting on April 6, will be displayed in the small gallery off the Meeting Place.

CONFERENCE ON LIMITS TO GROWTH

The Canadian Committee of Socialist Studies is sponsoring a conference on *The Limits to Growth: Reactionary or Revolutionary Science?* at Hart House, the Music Room, main campus, on Saturday, April 14th, 9:45 a.m. to 4:30 p.m.

Resource people for the conference are:

Jim Laxer, Political Science, York University, Movement for Independent Socialist Canada.

Ali Tayyeb, Geography, Scarborough College, University of Toronto.

For further information contact: Vincent di Norica, Humanities Division, 284-3145: after 5:00 p.m. 284-4907.

ACCIDENT PREVENTION

(the last in a series of articles on safety)

An accident is the unplanned consequence of one or more unsafe acts in combination with hazardous circumstances. Hazardous circumstances cover a wide range of everyday situations that occur in the work and recreation activities of most people from the workshops to laboratories to office routines. The basic causes of accidents are more often related to the actions of the individual than hazards of equipment and materials. A list describing basic causes is given on page 19 of the U. of T. Safety Manual.

Accident prevention is the responsibility of everyone, not only the supervisor, the inspector or the engineer. There should be procedures covering the methods of work which are known to all staff and students in departments. It should not be assumed that because someone is working in an area that he, or she, is aware of the safe working methods which are to be followed. The procedures should include a description of the action to be taken in the event of an accident; first aid, medical aid, artificial respiration, notification of the appropriate authority and preparation of any required documents such as a Workmen's Compensation Board report.

I.A. MacDonald

DINING ROOMS CLOSE

As is customary, the food service in the faculty dining room and in the 3rd floor dining room will be discontinued as of Friday, April 13. These dining rooms will be re-opened in the fall.



The 70 grade 5 students who were at the College on Monday, April 2 are doing a study of glass. As part of their project, they wanted to see what could be done by a glassblower; therefore, these students from Donwood Park Junior Public School were here to observe the craftsmanship of our glassblower, Mr. R. Legge.

While here, they also toured the chemistry and biology labs (and enjoyed seeing the skeletons and preserved animal specimens), the greenhouse and the gymnasium (where they exhausted themselves jumping on the trampoline).

ACADEMIC CALENDAR

FRI. APRIL 6,7,8 — Room 202, The Galbraith Building, 35 St. George St. 9:30 a.m. to 5:00 p.m. Conference on "Workers, Unions and Development in Africa" sponsored by the International Studies Programme and the Centre for Industrial Relations of the University of Toronto.

FRI. APRIL 6 — Council Chamber, 3:00 p.m. A meeting of the Court on Examinations and Term Assignments has been requested according to Item VI.3 of the Guidelines for the Court.

FRI. APRIL 6 — Faculty Club, 3:00 p.m. "Beer-In. Members \$.50 admission.

WED. APRIL 11 — Council Chamber. 4:10 p.m. Scarborough College Council meeting. The agenda includes reports from Committees of Council, report on the emergence grant, government support for the "French Room", instructional development, academic development and a review of the Constitutional Guidelines. Members are urged to attend.

ACADEMIC ACTIVITIES

PROFESSOR MICHAEL BUNCE, (Geography) chaired a symposium on research priorities in rural geography at a meeting of the newly-formed Ontario Rural Geography Group at York University on 17th, March.

PROFESSOR B. GREENWOOD AND MR. R.G.D. DAVIDSON-ARNOTT (Geography) attended the Canadian Association of Geographers (Ontario Division) meeting at McMaster University, Hamilton on February 17 and presented a joint paper entitled "Geometric and Dynamic Characteristics of Offshore Bars, Kouchibouguac Bay, N.B."

PROFESSOR G.J. HEWINGS, (Geography) was invited to present a seminar on "The Equity-Efficiency Trade-off in Regional Development: A Reconsideration" at the University of Illinois at Urbana on March 16th, 1973.

PROFESSOR C. JENNINGS, (French) delivered a paper on "La femme comme mythe chez Zola: Nana", at the colloquium of the Graduate Department of French on the nineteenth century French novel on Saturday, March 23.

MR. R. RIGELHOF (Graphics) gave a talk on "New Graphics Techniques" at Graphics Seminar II held at the University of Guelph on March 29, 30. All members of our Graphics Department attended the conference.

PROFESSOR ALAN THOMAS, (English) will present his video-tape, Victorian Photography at the Victorian Studies Association of Ontario Conference, April 7th (Saturday) at Glendon College, York University.

FOR SALE

Westphalia Volks Camper, late '69, pop-up, attached tent, little rust (Mexico 2 years), reconditioned engine. One owner, \$2485.00. Phone collect 1-649-2520 or 284-3189.

SCARBOROUGH COLLEGE BULLETIN

Number 29

April 13, 1973



SUMMER SCHOOL AT GIBRALTAR by Professor F. Burton

For some years now, I have been studying the population of monkeys in Gibraltar. These animals are unique, as they are the only monkeys in Europe, and despite local myths to the contrary have apparently a long history on the peninsula. The population lives in two small groups, both of which are free-ranging and provisioned, although they receive food amount to only 1/3 of their total intake. Habituated to the presence of human beings (Gibraltar is still a British army outpost) who total 25,000, they are nonetheless not tame — they do not permit themselves to be touched. During World War II, in keeping with the British fortunes, the monkeys nearly disappeared. Sir Winston Churchill ordered the population to be restocked from Morocco, and the present population is virtually totally derived from these founders. The Gibraltar monkeys or Barbary Apes as the Gibraltarians prefer to call them, are unusual in that it is the males who are the principal agents of socialization of the young.

This summer a group of Scarborough students will join me in Gibraltar for a field course in primatology. They will concentrate on the Queen's Gate group which have not been so intensively studied as has the Middle Hill one. The objective is to get basic data: activity cycle, home

range, movement patterns and food. Included under this rubric is social organization, with particular reference to the present role and status of the head male. A comparison between the Queen's Gate and Middle Hill groups in terms of their reaction to humans is of importance, now that the Middle Hill group has become open to more frequent contact with civilian personnel.

The course begins in July, so that there should be occasion to observe at least a few new infants and the peculiar 'male care' pattern typical of this species.

LAST WEEKLY BULLETIN

This copy of the *Bulletin* will be the last weekly issue until September. The next issue will appear on April 27 and will continue to be published fortnightly during the summer.

The *Bulletin* will appear on Fridays and the deadline for contributions will continue to be 5:00 p.m. Tuesday of that week.

HUMANITIES DAY AT THE GP

by Specks Tator

Does anyone know what's going on in the TV wing? Where has all the equipment gone? What will be the fate of the "green book"? Who's running the course evaluations?

For the answers to these, and other questions, read on . . . for these were the topics that exercised the General Policy Committee last week. First, on a special item, Professor Salus brought up the questions of the disposition of the sound equipment in the Control Booth; a meeting of the TV personnel, of the staff involved in Drama courses, and Assoc. Dean Walker sounded as though it had been quite messy. I wish I had been there. Our Dapper Principal, none the worse for wear after nearly a year in office, promised to investigate. Messrs. Leon, Warden and Schonberg certainly seemed agitated.

Next, the "green book", setting forth the College's proposed extension offerings for the next three years, was lam-based by (again!) Professor Salus, speaking for the Humanities' Curriculum Committee; Professor Grant, the chairman of the Committee, added his Classical comments in truly Ciceronian style. After too much discussion, addenda, corrigenda, emendata, edentata, and a veranda were promised.

And then Professor Graham, from whom too little has been heard this year, brought up the nature, status and quality of the course evaluations. Many voices were heard supporting the forms, criticizing the forms, rewording the questions, counselling the questioners, questioning the questionnaires. It was all in good fun and I look forward to next week's appearance of "Parking" on the Council's agenda. Everyone is usually vitalized by this topic, and I look forward to seeing the



DISPLAYS OF SOCIOLOGY PROJECTS

by John A. Lee

A three-foot coffin full of symbols representing American control of Canadian life will be the most unusual research project featured at a display of student Sociology productions to be held in the Meeting Place, 10:00 a.m. to 4:00 p.m. on Thursday, April 19, 1973. There will be a variety of first-class essays too, selected from courses given by Professors Howell, Isajiw, and Lee. Two film projects will be shown, an hour-long televised study of rhythm and blues music, a shorter TV programme on advertising, and several graphic projects. There will be continuous replays of some "radio programme" Sociology projects.

Any member of the College is welcome to drop by and see what the College's apprentice Sociologists have been doing this year. Social Science students from several Scarborough high schools will also be viewing the display.

same familiar faces and hearing the same comments about Parking and the bus service we have come to expect every year at this time.

The GP, brilliantly chaired by Professor Gooch, was all Humanities Division last week. Perhaps the next meeting will bring the wheel 'round to the Physical Sciences. Professor Corben, are you there?

A good time was had by all.

A LOOK AT THE RECREATION CENTRE

On January of 1973 the Recreation Centre of Scarborough College finally became a completed reality. The many months of anxious waiting proved worthwhile when issued in the light of the high quality of the facilities provided.

Perhaps the most welcomed section of the total complex, was the area which contains the four squash courts. These courts have, since opening day, seen almost capacity use at all times. The billiard room too, has been well used, since it provides for a degree of non-physical, recreational activity.

The administration of the Recreation Centre, notably its director Taimo Pallandi, has demonstrated a unique approach towards athletics, in the formulation of programmes and activities. This approach has entailed the establishment of almost all activities on a co-educational basis. These activities include Judo, karate, dance, volleyball, squash and golf, to name a few. The success of this approach is evident in the number of people involving themselves in the various activities.

The Recreation Centre has also provided organizational leadership and facilities for a number of Scarborough High School events such as gymnastics and basketball tournaments.

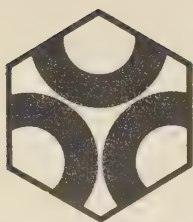
All in all participation by the various members of the college community, in the many programmes, has been quite satisfactory with the possible qualification that there are considerably more men than women taking advantage of the facilities.

However, this first semester of operation has established a solid base on which to build and expand the present activities into a comprehensive programme with something for everyone.

MaryAnn Prettie

MEETING OF GOVERNING COUNCIL

It will be two years from now that the Governing Council of the University of Toronto meets again at Scarborough College. So, if you have wondered what takes place in the meetings of this prestigious legislative group, come and see for yourself on Wednesday, April 18 at 4:00 p.m. in S-309.



STUDENT ART EXHIBIT

PARTICIPANTS:

DEBBIE BARKHOUSE
DINO CIRONE
JOANNE GRIFFITHS
GARY HERRIDGE
KATHY LAMB
ERIK LITTLE
ELAINE ONELY
DON WILLIAMS

ACADEMIC CALENDAR

TUES. APRIL 17 — Faculty Lounge, 4:00 p.m. The last Social Science Seminar will be on the topic of "Manmade Systems and their Future: Three Views". The three views will be given by Professors J. Cohen (Economics), J. Corbett (Classics), and J. Ritchie (Biology). All are welcome.

WED. APRIL 18 — S-309, 4:00 p.m. Meeting of the Governing Council of the University of Toronto. All are welcome to attend.

FRI. APRIL 27 — Durham College Lecture Theatre, 8:00 p.m. Admission \$1.00. Leslie Frost, a former Ontario Premier, is speaking on the problems of being Premier.

FOR SALE

Westphalia Volks Camper, late '69, pop-up, attached tent, little rust (Mexico 2 years), reconditioned engine. One owner, \$2485.00. Phone collect 1-649-2521 or 284-3189.

APRIL 9 TO 15, NEW GALLERY ROOM R-3042.

CAFETERIA SUMMER HOURS

Beginning on May 8th, the cafeteria will be open from 7:30 a.m. to 4:00 p.m. but meals will be served only at the following times:

Breakfast	7:30 a.m. - 9:00 a.m.
Coffee	10:30 a.m. - 11:00 a.m.
Lunch	12:00 noon - 1:30 p.m.
Coffee	3:00 p.m. - 3:30 p.m.

To supplement this service, vending machines will be installed to supply beverages and sandwiches.

SCARBOROUGH COLLEGE BULLETIN

Number 30

April 27, 1973

A NEW COURSE ON EXTRATERRESTRIAL LIFE

by P.P. Kronberg

Some recent research in astronomy has turned up some new and quite unexpected discoveries which raise the possibility that life in some form may be occur very commonly in the Universe.

Prior to the mid 1960's only neutral hydrogen and OH (hydroxyl) had been known to exist in the interstellar space in our Milky Way. Now, barely eight years later, radio astronomers have discovered no less than twenty-six different molecules, and the number is growing almost monthly. In fact, the main obstacle to discovering them at a greater rate is our present inability to accurately compute the frequencies of the rotational and vibrational transitions of the more complex organic molecules. Usually, it is necessary first to know what frequency to tune to before searching the sky with the radio telescope, otherwise one must search in frequency and space which is very time consuming.

Some of the molecules discovered are CN, CO, H₂O, H₂S, NH₃, ethyl alcohol, methyl alcohol, cyanoacetylene, formamine, and other amines. That such complex molecules exist in interstellar space is surprising, because interstellar space is so rare that the probability of two atoms, let alone five, coming close

together for long enough to combine chemically is very small. Given that they exist, can they survive without being dissociated by the energetic ultraviolet and x-radiation which also exists in some regions of the Milky Way? The answer to these problems seems to be that these molecules are formed in the dense, opaque dusty clouds which are in the process of contracting to form a new star--and possibly a solar system along with it. There the material is dense enough to form the molecules, and sufficiently opaque to shield the delicate molecules from the destructive ultraviolet radiation. Furthermore, it is possible to produce sugars and amino-acids in the laboratory by placing of these compounds in an electrical discharge. All of this, in addition to some other evidence from the lunar and martian space expeditions, suggests that life-building molecules, e.g. DNA, might be formed under natural circumstances along with other solar systems. Space-based telescopes which will be launched over the next 10 to 15 years will be able to detect planets if they exist around some of the nearby stars. This test is very difficult, if not impossible, to do with ground-based telescopes.

cont'd

All of this recent evidence strongly suggests that we could conceivably be on the brink of a "Brave New Universe" populated with life in many forms. Not much imagination is needed to appreciate some of profound implications that such a discovery would have for the human scene. It is fun to speculate on some of the philosophical and religious implications, to begin with.

It is with this background that some of us thought it timely to introduce an undergraduate course which combines all that we know about the possibility of extraterrestrial life, and discusses the whole question on a scientific (but not too advanced) level. We feel that a large and prominent university such as ours ought to prepare the next generation of leaders for some of the consequences of space research. I think this is important if only because increasing amounts of public funds are going to be spent on space activity in all its aspects, good and bad. Extraterrestrial space has become part of man's domain, if only in the psychological sense.

The course is entitled "Life on Other Worlds" (INX250) and is sponsored by the Interdisciplinary Studies department on the St. George campus. The course will be given by a team from the departments of astronomy and botany— Professor R.F. Garrison and myself (Astronomy), and Professors J. Dainty, G.A. Yarranton, J. Williams and M. Tyree (Botany).

INCREASE IN CAFETERIA FOOD PRICES

With the exception of two items, food prices at Scarborough College have been kept unchanged for over two years. With the increase in minimum wages as defined in the Minimum Wage Act and because of the drastic increase in food costs recently, some food prices will have to be increased at Scarborough College.

There will be no increase in the price of beverages, cereals, french fried and other potatoes, vegetables, meat pies, and a number of other items.

Price increases in other areas are necessary in order that the Food Services operation break even. The average increase in price will be about 10% and will occur on May 8, 1973. We very much regret that inflation has made this step necessary.

D.R. Campbell

CHANGE IN CAFETERIA HOURS

There has been a change in cafeteria hours as announced in the Bulletin on April 13. The cafeteria will be closed, starting on May 8, except during the following times:

Breakfast	7:30 a.m. - 9:00 a.m.
Coffee	10:30 a.m. - 11:00 a.m.
Lunch	12:00 noon - 1:30 p.m.
Coffee	3:00 p.m. - 3:30 p.m.

However, vending machines will be available in the cafeteria next to the athletic complex.

SUMMER BULLETIN

Within a few weeks, many members of the faculty will be leaving Toronto for far-away places — the Arctic, Europe, the Middle East — to do research. Those of us who are unfortunately spending the summer in Toronto would welcome the occasional piece of news from these exotic corners of the world. Perhaps, in between digging among prehistoric ruins or studying ancient manuscripts in the libraries of Paris or London, you could find time to send back brief accounts of your work and travels for publication in the Bulletin. In return, we at the College will keep you informed of some of the activities here, again via the Bulletin.

SCARBOROUGH BIOLOGY TEACHERS ASSOCIATION

by G.F. Israelstam

The first meeting of this group was held at the college on Tuesday 10th of this month. This liaison arose directly out of the very successful get-together we had as part of the teachers professional development day held here in February. Some 30 teaching biologists met with a couple of faculty members to discuss curriculum followed by a session on the teaching of cellular metabolism. Unlike the physical science teachers, the only alcohol present was that quantity produced by yeast cells from 10 g of sugar, which meant about 1/3 oz. - not really enough for 32 people. We meet again next month, which I am given to believe is an excellent one for both red and white wine.

STUDENT COUNCIL, 1973-74

by Ross Flowers, President

In the past Scarborough College Students' Society (commonly known as the Students' Council) has taken part in the life of the College in a variety of ways. Its participation has ranged from a position of apparent non-involvement and disinterest to one of definitive leadership —and sometimes a strange mixture of the extremes.

The immediate future of the Council and its role and relationships within the College are my present concerns. I envisage this next year as one of both change and consolidation. Consolidation of Council resources and expertise are necessary for achieving greater coordination and organization of Council programmes. Change will occur in so far the emphasis will be placed on different areas of concern. Hopefully, next year's Council will be denoted by its service and, what I will call, quasi-politically oriented activities.

The most notable change will be in Council's composition. Since the credit system blurs the distinction between full and part-time students, the Council of the "new" student body will be representative of both "day" and "evening" students, i.e., there will be only one student organization at Scarborough College. This amalgamation should help create a better esprit de corps within the College community.

Unfortunately, this space does not allow me to explain more fully the rationale behind some of the proposed programmes of Students' Council; however, I hope to do so in future editions.

The future of Council is promising, but, the promise will not be realised without a significant effort on the part of Students' Council to work together, and without involving the whole of the student body and the rest of the College.



ACADEMIC ACTIVITIES

PROFESSOR GEORGE F. FRIESEN, (Political Science) is the recipient of an award in the humanities and social sciences under the terms of the "Exchange of Research Scholars Between Canada and France". Professor Friesen will spend the summer in France, doing additional research on his forthcoming book on post-war French foreign policy.

PROFESSOR J.L. PEARL (History) spoke at Bloor Collegiate Institute on "The History of Witchcraft" on Friday, April 13, 1973.

MARY SALUS AND PROFESSOR PETER SALUS (Linguistics) presented a paper at Stanford University Child Language Forum entitled "Rule-Ordering in Child Phonology" on April 7, 1973.

EDITOR'S NOTE:

In the coming months, most faculty members will be attending conferences in their disciplines. I would appreciate receiving from those who are giving papers the title of the address and the date and place where it was delivered.

ACADEMIC CALENDAR

FRI. APRIL 27 — Durham Lecture

On doctor's advice, Leslie Frost has been forced to reduce his activities and will therefore be unable to speak at Durham College as announced. The April 27th lecture is cancelled.

SCIENTIFIC GARDEN-SITTING

Come back from your trip to a garden that smiles. \$5.00 per week minimum. Grad student, 282-5314, 439-3461 (late).

APARTMENT FOR RENT

Available July and August 1973, furnished and equipped apartment. One block from Summerhill subway. Two bedrooms, one study room, large pleasant living-room, dining room, two terraces, garage, all pots, pans and dishes in the kitchen. Second floor of a three-story house. \$650.00 for two months. Jean-Louis deLannoy, 284-3379 or 921-9555.

NEW INFORMATION NUMBER for Scarborough College is 284-3398. The line will be answered at the reception desk at the main doors and will serve those members of the community who are seeking information or a particular department in the College.

SCARBOROUGH COLLEGE BULLETIN

Number 31

May 11, 1973

LOT'S WIFE DID, AND LOOK WHAT HAPPENED TO HER . . .¹

by Paul Gooch

. . . such are the dangers of retrospection. So rather than risk a prolonged survey of my year in the chair of the General Policy Committee for 1972-73, I prefer to set out some thoughts on GP for the future.

One of the most important tasks for GP to undertake in the coming year is a review of Council and its Committees — in more general terms, the process of decision-making in the College. For some time now Scarborough College has had structures whereby administrators and students, faculty and non-academic staff, could participate in the discussion and formulation of policy and the critique of practice. Just last year the University itself entered into a unicameral system of governance; and I believe this system should continue to be reflected internally within the College.

But it takes more than structure to run a College. It takes people with energy and vision; it takes an atmosphere which cultivates self-examination and critical, open debate in a spirit of goodwill. In our recent elections to the nine standing committees of Council, however, we have ended up with about forty per cent

of the available positions vacant. So GP will have to examine this situation and our present structures in order to make recommendations to Council for the future.

It is important, then, that the 1973-74 GP be a vital committee. But GP has itself been part of the problem. Attendance hasn't always been high. Thanks to a co-operative Principal, we did manage to recommend to Council the implementation of things the College has discussed for some time: counselling, the improvement of teaching, a College bulletin, and so on. For the rest, we've been pretty friendly, but pretty toothless. Some of our senior administrators have left us to talk among ourselves without the benefit of their perspectives, and thus left themselves without any perspective from GP.

In saying such things I do not blame individuals. Each has his own motives and reasons not immediately obvious to
con'd . . .

¹ The aura of sound scholarship is enhanced by the footnote, for it suggests good research; hence this one: Gen. xix.26.

me. And no doubt GP perspectives have been at the best dim, and the view clearer, perhaps, from private administrative meetings. My only point is this: the best way to trivialize any process is to ignore it, and a sure way to stifle the growth of a creative and critical academic community is to leave those elected to formulate general policy on behalf of Council to sit and talk to each other.

As I have no desire to blame individuals, so I have no desire to underestimate the contribution of last year's GP members. The co-operation I received made my task easier, and I appreciate that. At the same time, I want to be straight-forward with all members, elected and ex officio, of the 1973-74 GP Committee: the time has come for us to act together in an open and responsible way. We will have failed by this time next year if we have not moved, as a united Committee, to discuss basic policy questions in the College, to arrive at decisions through goodhearted but tough-minded discussion with our administrators, and to make considered recommendations to be tested in Council.

The first task awaiting the Committee is the future academic direction of the College. Ways of beginning deliberations about our academic development, through Divisions and the Academic Development Subcommittee, have been suggested. The task demands co-operation throughout the College, and the burden for this rests squarely on GP. I ask that all concerned ensure that it is equal to the task.

EDITOR'S NOTE

The chairman (chairwoman?) of the General Policy Committee for 1973-74 will be Professor Eleanor Irwin (Classics).

AN INITIATION INTO UNIVERSITY CHEMISTRY

by David Cash

On Tuesdays, April 17th and 24th, at the initiative of Barbara (Greaves) Russell, a Scarborough College graduate who is now teaching at David and Mary Thomson Collegiate in Scarborough, some 140 students from that school visited with the Chemistry group at the College. The purpose of the trip was to introduce the students, mainly in grade 12, to the teaching/learning environment of the College, particularly the laboratory facilities.

Following an unstructured tour of the College, an introductory talk was given in a lecture theatre by Karen Henderson and Alan Walker (first week) or Ron Harris (second week). Then, after a break for lunch, everyone gathered in the undergraduate laboratories. Here, each student carried out one of a number of carefully prepared experiments, based closely on those performed by students in CHMA01Y at the College. Each student was provided with his or her experiment outline well in advance, and the general laboratory techniques to be encountered were explained and demonstrated beforehand, partly by the aid of a TV tape. Since there were several staff persons in each room with 12-15 students, there was ample opportunity for individual instruction and conversation to occur.

Comment during the visits indicated that the format chosen was successful, and a sample of written comments provided by Barbara Russell from her own students supported this impression. Most of the participants felt that they had learnt something, and enjoyed doing it. Some quotes follow:

"enjoyable yet educational"

"I felt the great satisfaction a chemist must feel when he labours over a hot test tube for several hours and achieves his goal"

"there were always people around to help even when you spilled everything"

"disappointed no beer served in cafeteria"

The Thomson teachers involved were Barbara Russell, Donna Moore, Kathleen Hellsten, Elizabeth Bunton, Glynis DeLuca and Al Simone. Those of the Scarborough Chemistry group taking part were David Niven, Barb Hungate, Bob Caton, Ilze Smits, Janet Potter, Alan Walker, Anne Verner, Frank Cheng, Karen Henderson, Ron Harris and Dave Cash.

JOHN ANDREWS, ARCHITECT

For those who have wondered what has become of John Andrews, the architect of Scarborough College (of the "old" wing, that is), a recent issue of the Sydney Morning Herald reports that he is well and happy in Sydney, Australia. After ten years of the North American way of life and pressure, he has returned to Australia where he enjoys a casual and an outdoor life (his office is within sight of the ocean) and still designs major projects. At present he is working on what he calls a "lifetime job", the design of the Metro Centre in Toronto. This development is to occupy 200 acres on the shores of Lake Ontario.

Designing Scarborough College was essentially his first major work. It alone won him much praise and fame; for example, the New York Museum of Modern Art called it "the building of the century". He also designed the controversial Graduate School of Design at

Harvard, art centres for Smith College and Kent State University, student residences for many universities, etc.

He is quoted as saying, "I just want to keep doing good things and pushing myself to my limitation". Judging from the awards and honours he has won — Massey Medal for architecture in Canada, Centennial Medal from the Canadian Government and the Arnold Brunner Award from the American Society of Arts and Letters, Professor Emeritus of the School of Architecture of University of Toronto — he is living up to his goal.

HONORARY MEMBERSHIP OF SCARBOROUGH COLLEGE

Nominations for the award of "Honorary Member of Scarborough College" should be submitted to Principal D.R. Campbell by Friday, May 18 in order that the advisory committee may consider them before the next meeting of College Council.

The objective of this award is to honour, within the community of Scarborough College, those persons who have contributed substantially to the life and development of the College. Persons in the following categories are eligible:

- (a) ex-members of staff, both academic and non-academic,
- (b) graduates of at least one year's standing,
- (c) non-members (and who have never been members).

Nominations should include a brief statement indicating the contribution made by the nominee to the life and development of the College and should bear the signatures of at least two members of the College.

ACADEMIC CALENDAR

MON. MAY 14 — Council Chamber, 9:30 a.m. Meeting of The Computer Committee.

WED. MAY 16 — S-229, 2:00 p.m. Biochemistry Seminar. Dr. A.M. Hill, Clinical Research Institute of Montreal, University of Montreal, will speak on "Effect of aldosterone on ribosomal protein phosphorylation in rat kidney cortex".

Council Chamber, 3:00 p.m. Meeting of the Awards and Admissions Committee.

Council Chamber, 9:30 a.m. Open meeting of the Committee on Standing to consider 3rd and 4th year marks.

THURS. MAY 17 — Council Chamber, 10:00 a.m. Meeting of the General Policy Committee.

WED. MAY 23 — Council Chamber, 2:00 p.m. Meeting of the Scarborough College Council.

ACADEMIC ACTIVITIES

PROFESSOR N. HOWELL (Sociology) gave a talk entitled "The Cohort Method of Collecting Age Data: A Modification" at the annual meeting of the Population Association of America, in New Orleans on April 25.

PRINCIPAL D.R. CAMPBELL spoke about Scarborough College to the North Scarborough Rotary Club on April 18.

HOUSE WANTED

House or apartment wanted from May 15 or June 1 to July 31 for visiting professor with wife and two children (2 1/2 and 1/2 years). Contact via Professor J.M. Perz, 284-3147; 291-8316.

HOUSE FOR RENT

House for rent in Wolfville N.S. (Acadia University) for one or two months, June and July. Contact via Professor J.M. Perz, 284-3147; 291-8316.

CONVOCATION

Monday, June 4 is the day that graduating Scarborough College students convocate. Presenting of degrees will take place at 10:30 a.m. in Convocation Hall (main campus), followed by a reception at the College at 3:30 p.m. — in the valley if the weather permits.

All faculty members are requested to attend.

BOOKSTORE'S SUMMER HOURS

May 14 - 24, Monday to Thursday, the bookstore will be open from 8:45 a.m. to 8:30 p.m. On Fridays, the hours will be 8:45 a.m. to 4:30 p.m.

Then, starting on Monday, May 28, the bookstore will be open till 8:30 p.m. on Mondays and Wednesdays one week and Tuesdays and Thursdays the alternate week, till mid August.

DAY CARE

A booklet on day care facilities has been compiled and copies are available in S-407 (reception desk to the Office of the Principal). The booklet contains the following information: general regulations, suggestions on how to choose a nursery or day care centre and specific information on facilities available in eastern Toronto.

There is also available in S-407 a booklet on the nursery schools in Toronto.

SCARBOROUGH COLLEGE BULLETIN

Number 32

May 25, 1973

STUDENT COUNCIL FOR 1973-74

by Ross W. Flowers

In an earlier edition of the Bulletin, I briefly outlined the philosophies which would largely determine the scope and direction that Students' Council will take in 1973-74. One of those philosophies was services.

While there have been attempts made in the past to provide services to the students at the College, we feel that our commitment is greater to this very important aspect of Council's responsibilities. This commitment will develop in two ways.

First, we will be providing a wide range of activities and services — much wider than has even been considered before. These will include the creation of a small speciality store (along the lines of the Hart House Tuck Shop); the establishment of a literary magazine at the College (similar in quality to the Innis Magazine, WRIT); a free phone outside of the Council offices, prohibiting long distance use; creation of a typing room for persons who don't have a typewriter and the formation of a centralized typing service for

individuals who are willing to pay for typed material. We will also be operating an improved Pub and Coffee Shop, expanded newspaper and more effectively-run used-bookstore. A special speaker's program and the sponsorship of one or two small conferences has also been discussed as areas where we are likely to develop. While none of the services which have been mentioned have been formally accepted by the Council, there has been serious consideration given to each of them by Council members.

Second, to a much larger degree than has been attempted in the past, we will promote our services to the entire College community. Normally we shall take an unrestricted access attitude toward our services unless it becomes evident that students are being prohibited from using such facilities due to unconscious monopolisation of these services by others.

The fulfillment of the services aspect of Students' Council's responsibilities will, I hope, encourage greater community interaction and spirit within the College.

BIRD WATCHING AT SCARBOROUGH COLLEGE

by R.E. Dengler

The College grounds and adjoining parks offer a variety of habitats in which birds and other animals and plants live out all or part of their lives. With spring fever upon us, many in the College and the community expressed an interest in exploring the flora and fauna of the campus as a group. Two weeks ago, to help bring those of similar interests together, Paul Catling, an assistant curator of the herbarium on the St. George campus, was invited to give a talk at the College entitled "Getting to Know the Birds". Over two dozen people attended this fascinating and well illustrated talk.

Apparently not all bird watchers are crazy, and many through their collection of migration and nesting data and through their activities in conservation groups, make valuable contributions in areas no longer of principal concern to professional ornithologists. Most of the talk dealt with the enjoyment to be had in birding, to the perplexities of field identification of birds, and to the opportunities the birder has to appreciate many other aspects of the outdoors.

Those seriously interested in birding and conservation should look into joining the Federation of Ontario Naturalists and/or the Toronto Field Naturalists' Club. Those interested in after lunch bird walks at the College, keep your eyes open for announcements in the corridor outside the cafeteria.

WHY I ATTEND CONVOCATION

by W.C. Graham

I won't try to tell you why you should attend the College's Convocation on June 4th. I will only try to indicate why someone who is an anarchist has attended every Convocation so far (and will be sorry to miss this year's).

I've heard it said that one should attend such an event so that the College will be well represented, or because the families of the graduating students expect and appreciate it. And these may be the best reasons, but I attend (i) because the Convocation is the only ritual (ceremonial) occasion of the College year and (ii) because it is an inadequate ritual occasion. I think many people feel, as I do, that Convocations in their present form are out of date and useless formalities. But they are the only academic festivals we now have, alas. And festivals are important to social institutions because of what can be called their "sacramental" function: i.e., according to the archaic formula, they are outward signs of an inward life and as such are important to remind us of the function, purpose, and place of such an institution in people's lives. A convocation is a time to critically reflect on such things and on whether the institution lives up to its purpose to fulfill people's needs.

Also, sacramentally, a lifeless ritual can serve to remind us that in the life of a college it isn't the hierarchical relations of rank, grading, etc., nor the authoritarian relations of command that are important, but the self-chosen, orderly, rational, humane cooperation, mutual aid, support and assistance between people. The hierarchy and authority could be given up. These others couldn't.



RESEARCH LEAVE, 1973-74

The following articles will describe the ways in which various faculty members plan to spend their research leaves.

PROF. MICHAEL KIRKHAM (English) will be spending his research leave in England, where he will begin work on a book investigating the response to certain 19th and 20th Century English writers to their sense of loosening of communal ties. Wordsworth, Hardy, Edward Thomas, and D.H. Lawrence and perhaps other writers will be dealt with.

PROF. JOHN CORBETT (Classics) will be spending his research leave mostly in Toronto but will be taking a two-month trip to Italy and probably to Israel during the summer of 1974. He will be working mostly on the St. George Campus to:

- i) finish off some work which is in various stages of completion - principally work on Roman History derived from this thesis; this work will then be ready for publication,
- ii) do some exploratory work on a number of topics in Roman Cultural History with a view to opening up some new lines of inquiry, such as Roman Religion and related work in Jewish and early Christian topics,
- iii) continue his study of Hebrew, probably by sitting in on a second level course in Modern Hebrew and working on Biblical Hebrew by himself,
- iv) undertake an extensive reading programme in Greek and Latin.

PROF. JOHN KIRKNESS (French) while on leave next year, will remain in Toronto to develop his interest in issues raised by the question of "the mission of the university", by working at OISE in two areas: the sociology of the future,

with special reference to alternative educational futures; instructional development in the Arts and Science faculty, and its implications particularly for curriculum design and faculty career development.

Fat sun crowned with spikes
grins comic-wide
on wall-papered room. Rubbed
out by mood
blinks bleary-eyed and red
like the juice
of many cocktails coalesced into light.
It's hard to hold god in an unearthly
embrace.
The gods that grow on apple trees
are lived with and eaten.
Goddesses grown weary step off their
pedestals.
I swear by the tub light
and live by the moon.

S.N.

ACADEMIC CALENDAR

TUES. MAY 29 — 2:00 p.m., room 308, Dr. Ross Nazar of the Cancer Centre, Baylor College of Medicine will be speaking on "Structural analysis of mammalian ribosomal ribonucleic acid and its precursors".

WED. MAY 30 — Council Chamber, 9:30 a.m. Open meeting of the Committee on Standing to consider 1st and 2nd year marks.

THURS. MAY 31 — Durham College Lecture Theatre, 8:00 p.m. Admission \$1.00. John Bulloch, President of the Canadian Federation of Independent Businessmen, will discuss "The Future of the Small Businessman".

MON. JUNE 4 — Convocation Hall, 10:30 a.m., Convocation. Reception at Scarborough College, 3:30 p.m.

BOOKSTORE'S SUMMER HOURS

The bookstore's summer hours, as mentioned in the last issue of the Bulletin, have been changed as follows: starting on Monday, May 18th, the Bookstore will be open till 8:30 p.m. on Mondays and Tuesdays one week and Wednesdays and Thursdays the alternate week, till mid-August.

LIBRARY SUMMER HOURS

The library hours during summer school will be as follows:

8:45 a.m. to 10:00 p.m., Monday to Thursday,

8:45 a.m. to 5:00 p.m. on Friday, closed on weekends.

ACADEMIC ACTIVITIES

PROFESSOR M.G. EFRAN (Psychology) delivered a paper on interpersonal attraction and nonverbal communication: *The effect of nonverbally communicated attitude similarity on two measures of attraction* at the annual meeting of the Mid-western Psychological Association, in Chicago on May 1st.

PROFESSOR J.S. MOIR (History) gave an illustrated address to the Annual Dinner Meeting of the York Pioneer and Historical Society, on 1st May, on "Historical Preservation and Reconstruction Behind the Iron Curtain".

FLAVIO HABAL, a former student at Scarborough College and now a graduate student of Pathology in the Faculty of Medicine, has won two awards in a continent-wide competition for student medical research: second prize in the Mead Johnson open award and first prize in the James W. McLaughlin Award for excellence in his speciality — immunology.

Mr. Habal is working on the way in which tissue reacts to injury or any gross physical shock, such as inflammation, asthma, open heart surgery, etc. His work has affirmed the sequence in which various chemical "messengers" are released into the blood stream to limit the effects of injury and to reassert the normal state of equilibrium in the body's chemical activity.

HOUSE FOR RENT

Pickering Village, 3 acres, idyllic setting, treed, stream, secluded. Mid-June to mid-December. For quiet couple; furnished, fireplace. One mile from shopping centre. \$250.00 per month. Phone 839-5332.

SCARBOROUGH COLLEGE BULLETIN

Number 33

SCARBOROUGH
COLLEGE
LIBRARY

June 8, 1973

SCARBOROUGH PARTY EXPLORES NEW GUINEA

by Erik Schwimmer

This is the first of a series of brief travel notes about an anthropological expedition to New Guinea which is largely a Scarborough College contribution to knowledge. Whether anything will actually be contributed to knowledge is, at this stage, entirely uncertain.

The principal investigator is Dr. Erik Schwimmer. The rest of the team comprises Tom Barker and Susan Rogers, both Scarborough graduates, and Marta Rohatynskyi who will be known to many students at Scarborough as a teaching assistant in anthropology. An adoptive member of the party is Dr. Abe Ross (Psychology) who is on a year's leave to explore New Guinea and do studies on perception.

The research programme is called the Papuan Regional Communications Project. It will operate in an area between Mount Lamington and the Owen Stanley range, where there are several small tribes, speaking a diversity of languages and linked, in the past, by relations of endemic warfare, and - both in the past and today - by a web of individual friendship, trade and

marriage relations. Each member of the team will study one of these tribes. Dr. Schwimmer will return to Scarborough in September but the others will stay for an additional year.

So far, the party has got as far as Canberra, Australia, where it is being subjected to a two-week course in the local *lingua franca*, Hiri Motu. This is given at a vast campus largely devoted to graduate and research work and financed entirely by the Federal Government - the Australian National University. There is nothing comparable in Canada, though the idea of a Canadian National University might well be worth pondering. It is not a leisurely place - our programme includes 7 1/2 hours in a language laboratory each day and we are given at least three hours homework each night - written work to be handed in next morning and a little test each morning to make sure we aren't slacking. We mostly start work at 6:00 a.m. and go on to 11:00 p.m. (we relax for one half hour at the bar in our residential college).

When we are in New Guinea we shall let you know more about our experiences.

TWO NEW COURSES ON WOMEN IN FRENCH LITERATURE

by Chantal Jennings

Images of women in French literature
(HUM B 42 F)

Our culture, of which literature is a part, makes certain assumptions about men and women and assigns each sex certain roles and certain behavioural patterns. Male writers, in particular, use female characters as stereotypes (wife, mother, sex object, etc.), endow them with mythical significance (the witch, the saint, the shrew, etc.), idealise or denigrate them systematically, or do both concurrently, with the result that they have contributed in shaping the strictly regulated code of behaviour set for each sex, which still directs our lives today. Sometimes, it is true, writers have revolted against it, as in the case of Genet. Writers therefore, either by their reflection of reality or by their departure from it, have helped form our present ideas on non-physiological differences between the sexes, on women in general, and on their societal role.

An analysis of literary works, not only based on literature, but also on sociology, anthropology and psychoanalysis should permit us to discover and make an inventory of these myths and stereotypes assigned to women, and should help us understand why and in what form they are still used in our society, and what function they serve. In both courses there will be a few lectures on the role and status of women in certain key periods of the development of French literature, and in both courses the material will be organized thematically. Generally the first course will be devoted to the study and discussion alternately of *The Second*

Sex, the theoretical and feminist book by Simone de Beauvoir, and of literary works by prominent male authors from the 17th century to the present, with an emphasis on the 19th and 20th centuries. For example, the discussion of de Beauvoir's chapters on prostitution or motherhood will be followed respectively by the reading and analysis of Zola's *Nana* and of Mauriac's *Genitrix*, two novels which illustrate these respective themes. In both courses reading will be done in English unless the student has a good background in French.

Women's consciousness in French literature (HUM B 43 S)

To a large extent female writers, like male writers, seem to have used in their works stereotypes and myths about women, thus espousing, in appearance, the dominant ideology of our society. Such themes as love, marriage, and sentimental stories occupy a major place in many of their works. Authors have sometimes adopted a plaintive voice to express themselves. Still one should not be misled by apparent conformism and should keep in mind that, by the very fact that they are professional writers, these women are transgressing the laws that govern the code of conduct for persons of their sex. In this light, the apparent conformity of the content of their works seems but a means used to delude the reader into thinking that they adhere to a code of manners they do not really believe in, since they are in fact revolting against its rules. This and the process of socialization, which works on everyone, account

for the apparent contradiction between the sentimental content of many of their works and the often audacious outcries of injustice and calls for equality with which their works are strewn (see Sand or Colette for instance). Their actual departure from the standard code of conduct sometimes takes on a subtle and discreet form, as in the case of Mme de La Fayette, and is sometimes accompanied by a partial or total rejection, either real or imaginary, of our life style, as is the case for several more recent writers.

The subjective insight which major female writers from the 17th century to the present, with an emphasis on the 20th century, have had of the female condition and of the place of the female writer in society will permit us to study their works as a testimony of and as a reflection on women's position in their society and allow us to investigate the conscious or unconscious ways devised by their female characters or by themselves to cope with or revolt against various forms of institutional oppressions imposed upon them. An awareness of their condition is evident in all the authors studied, but a chronological approach to their work will bring forth a gradual evolution from a negative self destructive attitude to an assertive or even aggressive stance. Other concepts related to the female condition such as romantic love or the classical idea of femininity will also be analysed and discussed.

FIRST HONORARY MEMBER OF COLLEGE

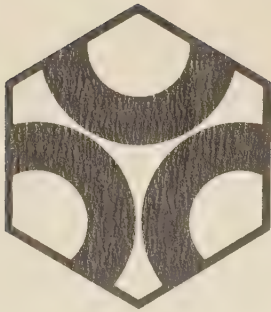
Martin Robb was made the first honorary member of Scarborough College at the Convocation Reception on Monday, June 4.

Mr. Robb worked many years for and with the students and faculty of the University of Toronto. He spent 26 years on the Security Force of the St. George Campus, 11 years as a P.C., and 15 years as Chief. He retired from this position in June of 1966, and although he was at that time well past retirement age, he started at Scarborough College as Chief of Security and remained in this capacity until August of 1970.

The students of the College, unwilling to see Mr. Robb leave the University, requested that he join the Scarborough College Student Society as a group coordinator and student/staff liaison. Mr. Robb worked with the S.C.S.S. until late 1971, when he was forced to resign due to reasons of ill health.

AWARDS TO GRADUATING CLASS

Governor General's Silver Medal –
Mr. Paul Allen Corby
1973 Prize in Humanities –
Mr. Paul Allen Corby
1973 Prize in Science –
Mr. Jay Bruce Lennox
1973 Prize in Social Sciences –
Miss Danuta M. Marchewicz



RESEARCH LEAVE

Professor W.C. Graham (Philosophy) will be working in the Seminar Für Klassische Philologie und Antike Philosophie at the University of Berne, Switzerland, after a brief stay in Freiberg, Germany. His principal research interest there will be pre-Socrates philosophy. He will have another research project simultaneously in the field of political philosophy, specifically anarchism.

Professor Marilyn Smith (Psychology), will be spending her research leave at U.C.L.A. doing research on human memory and cognition.

Professor A.S. Ross (Psychology) will be spending his research leave in New Guinea doing work on perception.

Professor A. Thomas (English) will be spending part of his research leave in England doing research in various libraries towards completion of a book on Victorian Literature of Social Investigation.

ACADEMIC CALENDAR

JUNE 11 and 12 — Faculty Lounge, Scarborough College, 8:15 p.m. to 9:00 p.m. Coffee party for summer students.

JUNE 13 and 14 — Faculty Lounge, Durham College, 8:15 p.m. to 9:00 p.m. Coffee party for summer students.



WRITING LABORATORY

Starting July 1, the writing laboratory will be open on Tuesdays and Wednesdays from 3-7 p.m. during the summer (except for the second week in July). Mrs. B. Corben, the Director, is in room R-5223, call 284-3369.

EDITOR'S NOTE:

In the coming months, most faculty members will be attending conferences in their disciplines. I would appreciate receiving from those who are giving papers the title of the address and the date and place where it was delivered.

SCARBOROUGH COLLEGE BULLETIN

Number 34

June 22, 1973



NEXT YEAR'S FRESHMEN

by Bronwyn Drainie, Student Services
Counsellor

Each summer the new students who have been admitted to the College are asked to come in in person to the Student Office to discuss their choice of courses for first year. They also have an opportunity on this visit to enquire about financial aid and residences, to have a look (often for the first time) at Scarborough College, and to discuss any questions they might have about university life.

The students we see are becoming demonstrably more cynical each year about the value of a BA or BSc degree. The highly-motivated ones, in ever-increasing numbers, are setting their sights on the professions: medicine, dentistry, law, accounting and social work. This latter profession seems to be attracting many students who, under more favorable circumstances, would prefer to become teachers. However, there is still a distressingly large number of new students who plan to head for teaching careers in spite of the current employment situation.

The students who hope to apply for dentistry or medicine have chosen, for the most part, the correct Grade XIII prerequisites. This year for the first time, we are enquiring about their

marks in mathematics courses, and they are generally low (under 70%). Very few of them have taken the full complement of Grade XIII math courses.

Apart from these science students, most of the new admittees seem to be offering a high proportion of the more novel, less traditional Grade XIII subjects: Home Economics, Sociology, Economics, Man in Motion (Physiology?), Accounting, Music. It remains to be seen whether a large number of such courses are adequate preparation for many of our first year programmes.

Two final notes, one good and one bad. On the plus side, a larger number of the students who have arrived on our doorstep because of the crowding on the St. George campus are taking it with good grace and seem to indicate at least an initial enthusiasm for Scarborough College.

On the minus side, an alarmingly large number of the students we have seen this year display great apathy and inertia towards the whole idea of a

university education. They cannot see any "point" to it in terms of getting a job, and therefore they seem incapable of seeing any point to it all. Many do not even take the trouble to read over the offerings in the calendar before coming in to choose their course, preferring to leave the course selection up to the counsellors who will hopefully, magically, plan "useful" programmes for them.

STUDENTS' COUNCIL, 1973-74

by Ross W. Flowers, President

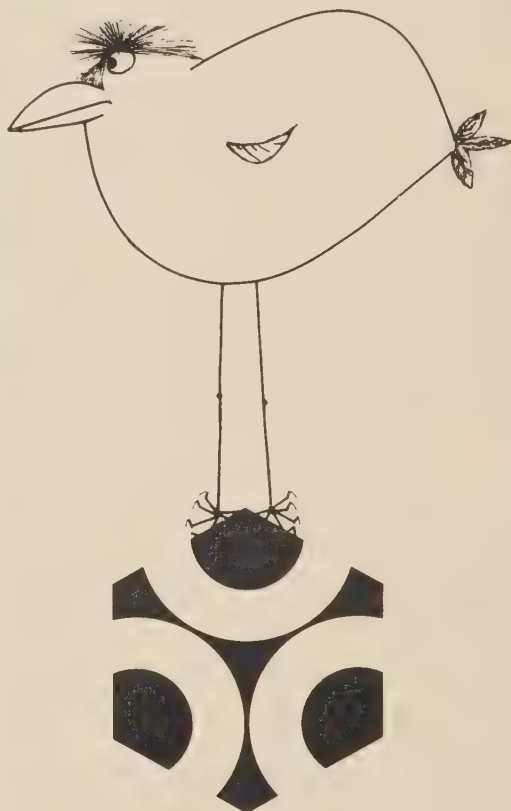
In an earlier edition of the Bulletin, I discussed in some detail the emphasis the 1973-74 Students' Council will place on student services. In this edition I will briefly discuss the other major area which shall receive our attention, and might be referred to as "quasi-political".

Unfortunately, in the last few years the Students' Council has either opted out of any discussions of "quasi-political" matters, or it has been represented by individual members on College Council without formal Students' Council debate of the issues at hand. We hope that this practice will end. Matters of College or University importance shall receive considerable attention by our Council. As a result, when a member of Students' Council articulates a position on a matter before the College Council, the position will be more representative of and thus, we hope, strongly supported by the student body.

Some of the quasi-political areas which shall be discussed during the year will include the question of student aid and how it relates to the particular problems of Scarborough College students in the credit system, how are the academic standards of the College being served in relation to our admission requirements; and what disciplinary code and structure will exist at the College given the rest-

rictions imposed on us by the Governing Council.

There are, of course, many other matters which will from time to time require our consideration. I feel that through this active concern the student body will obtain a greater degree of input into matters at the College than they have had in the past. As a result I can foresee the rapid emergence of a College community which is highly communicative through increased interaction about all matters . . . at all levels.



NATURAL HISTORY WALKS

at Scarborough College

Informal walks in the valley behind the College are scheduled for Tuesdays and Thursdays for the remainder of June, and early July. Walks will start at the sundial at 12:30 p.m. Bring binoculars for birds.

HUM B41F: WOMEN IN ANCIENT GREECE

"That will be a sort of non-course", another classicist remarked to me when I was describing my course on women in ancient Greece to be offered next year. I knew what he meant, though he was quite wrong. He was referring to the fact that in the Greek world when epic and tragedy, history and philosophy, science and art flourished, the contributors of note were, with one exception, male. We know of no women playwrights, no actresses, no women who held political office. According to the commonly accepted view, women kept house, both in the sense of looking after their domestic responsibilities and in the sense of staying indoors. We are informed that Athenian women in particular lived in seclusion, eating separately from their husbands and sharing very little with them, except their bed. Yet the pages of Greek literature are filled with unforgettable portraits of women: Helen, Penelope, Phaedra, Electra, Clytemnestra. Nor are these women all meek, self-effacing wives without ability or ambition. One of the puzzles of ancient Greece is this apparent discrepancy between literature and life.

In this course we expect to look at the evidence of history and literature, representations of women in art, and the role of women in religion. We shall attempt to piece together a picture of what it was like to be a Greek woman, in the different city states and at different times. In addition, we shall look for indications of discontent, which may be expressed or implied with the position of women.

A non-course? Not from my point of view.

Eleanor Irwin

SUMMER CONCERTS

Starting on Wednesday, July 4 there will be a series of weekly concerts (and possibly the occasional play) in the Meeting Place until mid-August. The performances will start at 12:30 p.m. and will be approximately 1 hour in length.

The first concert will feature Norman Hacking, a former student of Scarborough College (B.A., 1972 in English). Mr. Hacking, mostly a song writer, does perform some of his own work and is presently recording an album of his songs.



THANK YOU NOTE FROM BOARD OF EDUCATION

I would like to express, on behalf of the Scarborough high school men and women's Physical Education Departments, our thanks to Scarborough College for the reception you have given many of our high school students this year. Mr. Taimo Pallandi and his entire staff have afforded us the opportunity to see, use and appreciate the athletic facilities available to students of Scarborough College and they have made every effort to make us feel at home.

Our staff and students welcome these opportunities and as a result can appreciate the many things that Scarborough College has to offer.

W.C. Campbell, Co-ordinator,
Physical and Health Education.

ACADEMIC ACTIVITIES

PROFESSOR H.C. CORBEN (Physics) gave invited seminars at Queens College, City University of New York and at Cleveland State University on 'A Modified Version of the Quark Model'. The 'quark' is a postulated constituent of a proton or a neutron or other elementary particle. So far, physicists have been unable to find out what is inside it — hence the word 'elementary'. Perhaps one day these particles will also appear to be elementary in the 'my dear Watson' sense.

PROFESSOR P.W. GOOCH (Philosophy) attended the meetings of the Canadian Philosophical Association and the Classical Association of Canada at Queen's University, and on June 6, 1973 read to a session of the latter association a paper titled "Gregory Vlastos on the Socratic Denial of Akrasia".

If anyone cares to know what that's about, he can ask Professor Gooch about Vlastos on Socrates.

PROFESSOR M.G. EFRAN (Psychology) delivered a paper entitled "Violations of personal space: Toward a theory of crowding and stress" on June 7, at a symposium on current developments in environmental psychology at the Annual meeting of the Canadian Psychological Association in Victoria, B.C.

PROFESSOR ROBERT ROEDER (Astronomy) presented a paper at the 4th Annual Space Symposium at C.R.E.S.S. (Centre for Research in Experimental Space Science) at York University on Wednesday, June 6th. It was titled 'A Proposal to Look at Nearby Quasars in the Ultraviolet'.

CAFETERIA HOURS

May/June — 7:30 a.m. to 9:15 a.m.,
10:30 a.m. to 11:00 a.m.,
12:00 noon to 2:00 p.m.,
3:00 p.m. to 3:30 p.m.

July/August — 7:30 a.m. to 5:00 p.m.

JUNE 29 — HOLIDAY

On Friday, June 29 the College will be closed in order to give Scarborough College personnel an opportunity to participate with the Borough community to mark the opening of the Scarborough Civic Centre by Her Majesty the Queen.

SUMMER HOURS

Starting on Tuesday, July 3 the summer closing time of 4:30 p.m. will begin. Normal 5:00 p.m. closing will resume on Tuesday, September 4.



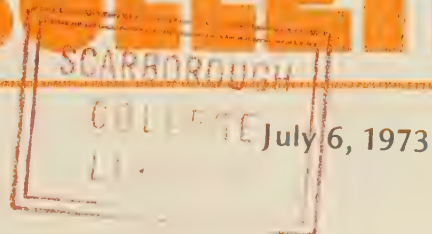
ACADEMIC CALENDAR

TUES. JUNE 26 — Council Chamber, 10:00 a.m. Meeting of the College Services Committee

TUES. JULY 4 — Meeting Place, 12:30 p.m. Concert of folk music by Norman Hacking.

SCARBOROUGH COLLEGE BULLETIN

Number 35



FURNISHING THE RESIDENCES

This year marks a watershed in the practice of hiring students by the Principal's office. For the first time, at least to my knowledge, specific projects have been assigned to the students hired for the summer. My particular assignment is to seek donations from private industry, primarily those in the Borough, in order to help offset the cost of furnishing the new student housing complex.

The prospective donors will receive a letter from the Principal before being approached by myself. In return for the company's donation of either \$286 (single bedroom), \$460 (double bedroom), \$1289 (four person unit) or \$1502 (six person unit), the firm will receive the usual tax exemption for the donation, as well as a special commemorative plaque. The plaque, to be located in the room or living-room area, would indicate, for example "The furnishings of this room were donated by Company".

At present, the response from the firms which have received the Principal's letter has not been overly enthusiastic.

However, I am personally optimistic that sufficient funds can be found by this method to offset in the neighbourhood of 50-60% of the expense incurred initially by the College for the furniture. If anyone has any suggestions, I would appreciate hearing from you.

Ross W. Flowers
President, Students' Council

JULY 17, COUNSELLING

On Tuesday, July 17, there will be counselling sessions for students planning to take fall and spring courses at Scarborough College and Durham College. In the Meeting Place from 12:00 to 3:00 p.m. and from 6:00 to 9:30 p.m., faculty representatives from each discipline will be available to discuss informally the courses presently offered and those that could be offered in the future.

For the convenience of those who will be coming in the evening, the cafeteria will be open for dinner. Also, coffee will be served during the evening session.



BICYCLE PATHWAY

The bicycle pathway, presently in use throughout Scarborough, has been extended to pass through College grounds. The pathway, shown by the heavy broken lines in the drawing, will be constructed by the Metropolitan Parks and Recreation Authority on the north side of Highland Creek from Morningside to west of the barn near the Principal's residence. At that point a small bridge will carry the pathway over the creek and it will continue on the south side to Colonel Danforth Park.

CAFETERIA HOURS

The following is a correction of an earlier announcement concerning hours of operation for July and August.

The regular hours will be from 7:30 a.m. to 4:00 p.m. A limited evening service will be provided from Monday through Thursday from 4:00 p.m. to 9:00 p.m. from July 3rd to August 9th to meet the requirements related to the summer evening courses.

WATTS MEMORIAL LECTURE

Professor Gerhard Herzberg, the 1971 Nobel Prize winner in Chemistry, has agreed to give the Watts Memorial Lecture in February 1974.

Professor Herzberg was born on December 25, 1904 in Hamburg, Germany and earned a Dr. Ing. at Darmstadt Inst. Tech. in 1928. He has been on the staff of the following institutions: University of Bristol (England), 1929-30; Darmstadt Inst. Tech. 1930-35; University of Saskatchewan, 1935-45; Yerkes Observatory, Ottawa University of Chicago, 1945-48; NRC, Ottawa since 1948. From 1955 to 1970, he was the Director of the Division of Pure Physics at NRC.

His research has been concerned with atomic and molecular spectroscopy. Along with his associates, he determined the structure of many free radicals. He also successfully applied spectroscopic studies to the identification of certain molecules in planetary atmospheres, comets and interstellar space.

SENSORY CITY '74

A conference is being planned for May 1974 on a probe of media theory and practice using the whole of Metro Toronto as a means of interfacing and developing perceptions.

The conference on Visual Literacy, an organization initiated to extend the limits of a print-dominated world to include all media literacy, will sponsor the chairman is Alderman Colin Vaughan of Metro Toronto, Sister Bede Sullivan of Seneca College, Vic Whatton, Ministry of Education, Earl Rosen, freelance media producer, Philip Nixon OECA, Gray Cavanaugh Ministry of Education and York University department of Continuing Education.

Film, television, rapid transit planning architecture for people, theatre, print and, graphics etc. will be but part of the areas to be involved.

If anyone is interested in being part of an exciting, innovative convention approach, please contact Rick Rigelhof, graphics and photography department, room R-3226 or local 3328.

NEW LOCATION FOR BOOKSTORE

The Bookstore has been moved from its former location at the main entrance to Portable no. 5 or room S-360. (The portables are at the end of the S-wing).

INSTRUCTIONAL DEVELOPMENT

The June Monthly Review of the Council of Ontario Universities announces the establishment of a joint COU/CUA Program for Instructional Development to be directed by Dr. H.M. Good of Queen's University. "The aim of the program is to assist individual faculty members in Ontario universities and the universities themselves in improving the effectiveness and efficiency of their instructional processes. No approach consistent with this aim - whether concerned with the contribution of students, the organization of teacher time, the demands of research and administration, or the use of technical devices such as TV or computers - is regarded as outside the scope of the program".

An office will be set up "to provide a liaison between various projects supported by the program and between the Ontario universities and instructional development programs in other jurisdictions. It will also organize such study sessions and conferences as may be needed to develop priorities and guidelines for studies and experiments in Ontario".

Individuals or groups in the College who are interested in contributing to the work of the program and/or in applying for financial support for development projects, are invited to contact John Kirkness, Chairman of G.P.'s Subcommittee on Instructional Development.

ACADEMIC ACTIVITIES

PROFESSOR A. GRIFFIN (Physics) presented 2 papers at the Annual Congress of the Canadian Association of Physicists held at the University of Montreal, June 18-21. They were "Surface Plasmon Dispersion in the Case of Diffuse Scattering" and "The Static Surface Spin Susceptibility of Almost-Ferromagnetic Systems".

PROFESSOR K. DION (Psychology) delivered a symposium paper entitled "Physical attractiveness as a social cue" at the Canadian Psychological Association Convention in Victoria, B.C., in early June.

PROFESSOR P.J. O'DONNELL (Physics) while on leave at the Department of Applied Mathematics and Theoretical Physics, University of Cambridge, England, presented a paper entitled "Vector Dominance, PCAC and the Asymptotic values of Scaling Functions," at the following places:

Dept. of Applied Mathematics and Theoretical Physics, Cambridge on February 6;

Dept. of Natural Philosophy, Glasgow University on February 13;

Dept. of Mathematics, Durham University on February 27;

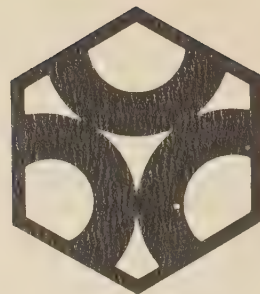
Dept. of Physics, University of Southampton on March 9;

Mathematical Institute, University of Kent, Canterbury on April 27;

Daresbury Nuclear Physics Lab, on May 14;

"Triangle Meeting" Institut für Theoretische Physik der Universität Wien, May 21-22.

PROFESSOR AND MRS. URQUHART (Biology) were guests at Tufts University on June 10-11 to discuss studies on insect migration being carried out at this University in conjunction with other North American universities.



ACADEMIC CALENDAR

TUES. JULY 10 — Meeting Place, 12:00 noon. Concert featuring the York Winds. Everyone is welcome.

TUES. JULY 17 — Meeting Place, 12:00 to 3:00 p.m. and from 6:00 p.m. to 9:30 p.m. Counselling sessions for students planning to take fall and spring courses at Scarborough College and Durham College.

THURS. JULY 19 — Meeting Place, 12:30 p.m. Concert featuring the Toronto Consort. Everyone is welcome.

SUMMER ENROLMENTS

As of June 25, the enrolment in the summer sessions is as follows:

Durham, evening - 102.0 FCE (full-course equivalents)

Scarborough, evening - 379.5 FCE

Scarborough, day - 426.5 FCE

TOTAL - 908.0 FCE

Last year's summer enrolments totaled to 510 FCE.

SCARBOROUGH COLLEGE BULLETIN

Number 36

July 20, 1973

THE CLASS OF '71 by M. Bradshaw

The Career Counselling Placement Centre of the University of Toronto has published a study, entitled "THE CLASS OF '71 REVISITED". The purpose of the study was to enquire into the post-graduate activities of the 1971 graduates.

Of the 4,250 students graduating 1,857 (44.5%) responded to the survey; of these graduates, 40.3% had four-year Bachelor's degrees, 28.2% had three-year degrees, 5.8% had B.Ed.s, 20.7% had Masters' and 5.0% had Doctorates. 60% of the respondents were males and 40% were females.

The study reported that the average male graduate (M) and the average female graduate (F), having a Bachelor's degree, was as likely to continue his/her education immediately as to enter the job market. F was more likely to seek teacher training than M (44% versus 13%) and M was more likely than F to pursue post-graduate professional training (approximately 3 to 1).

52% of the graduates sought employment rather than further training. 63% of them began their job search by March, 1971 (half had started three months earlier, while nearly 20% did not begin

until after graduation). Most of them began work in the high "job start" months of May and September; 25% were without jobs after four months and 13% were still jobless after nine months. Two-thirds of the graduates submitted twelve or fewer applications before finding a job, while the remaining one-third had to make from thirteen to seventy-seven applications.

50% of the female graduates preferred to have a job in Metro Toronto; whereas, 63% of the males did not mind leaving Toronto, but half of them preferred a city of at least 100,000 people. 63% of the graduates found employment in Toronto and 7% in cities with populations greater than 100,000. 80% of the graduates found their jobs on their own initiative; 20% of them took "Placement Centre-referred" jobs.

During their job-search period after graduation, family support was the main source of income for 36% of the graduates. Savings were the next most frequently used means, supporting 27% more of the Class of '71 job-seekers.

cont'd

Basically, if M and F sought work diligently, they were quite likely to find jobs they wanted, when and where they wanted and the pay they wanted. However, they were almost as likely to take further training as to seek work and an alarming 23% chance existed that, having sought jobs, they might be either unemployed (13%) or unhappily employed (10%) nine months after graduation.

The Ministry of Colleges and Universities has published a somewhat similar report on the 1971 and 1972 graduates of the Colleges of Applied Arts and Technology. It would be interesting to compare some of the data relating to the 1971 graduates of University of Toronto and of the CAATs. (It should be noted that the University of Toronto report includes information to the end of January, 1972; the CAAT survey ends with December 31st, 1971. The difference of the one month, particularly eight months after graduation, is probably not too great a discrepancy to allow comparisons to be made).

The chart below shows the post-graduate activities of the 1971 graduates.

	<u>U. of T.</u>	<u>CAATS</u>
Employed	45%	78%
Unemployed	7%	10%
Continuing education	44%	11%
Other	4%	1%

Starting salaries for the U. of T. graduates, males and females, and for the CAAT graduates is shown below.

<u>Starting Salaries</u>	<u>U. of T.</u>		<u>CAATS</u> <u>(M & F)</u>
	<u>M</u>	<u>F</u>	
Less than \$5,000.	4%	16%	43%
\$5,000. to \$6,500.	8%	18%	35%
\$6,500. to \$9,000.	64%	49%	21%
More than \$9,000.	24%	17%	1%

The job satisfaction is as follows:

	<u>U. of T.*</u>		<u>CAATS</u> <u>(M & F)</u>
	<u>M</u>	<u>F</u>	
Satisfied			
Yes	48%	41%	78%
No			22%
Extremely dissatisfied	4%	10%	

*80% felt their job had potential.

For anyone wishing to read the original reports, a copy of "The Class of '71 Revisited" is in the Student Services Office and the CAAT report can be borrowed from Marvi Bradshaw.

WHAT'S YOUR GRADE?

by John H. Corbett

It was with pleasure and some surprise that I recently received an invitation from the Curriculum Committee of the Division of Humanities to comment on the "unusually high" grades awarded in some of my courses last year, and on the concern which those grades caused in the College Committee on Standing. Perhaps a sensitive soul might have felt a rebuke implicit in this summons; but I was pleased to see some members of the College finally addressing themselves to the subject of assessment, albeit in a rather indirect way. In any case the summons provided the extra incentive necessary for me to organize my thoughts on the

subject of grades and grading and on the much more important question of assessment. This note will serve, I hope, as a brief indication of my thinking and perhaps as a stimulus to further discussion. I shall consider the question under the following headings:

- (i) concern with "grades" and the "methods of assessment" question.
- (ii) the "descriptive fallacy" and its consequences.
- (iii) teaching, learning, and assessment and possible policy changes.

(i) When I first began teaching at the College the question of "grades" was raised at one time only during the academic year—in spring. When it was time for the College to submit its "grades" to the appropriate higher authorities in the University, all faculty were invited to consider final grades in a series of review meetings. Grades were then rather arbitrarily adjusted to bring them into line with what was considered desirable (even though this was never clearly defined).

In those days we could excuse our concern with "grades" by referring to the wishes of a higher power. But even then, many members of the College were most dissatisfied with our procedures and our unstated policies. More than once the College Council considered radical revision of the current practice - even though such new proposals at that time were subject to the critical attention of the Faculty of Arts and Science as a whole.

Almost as soon as the College won its curricular autonomy, work began on an extensive critical review of existing practices of assessment, with a view to forming policy for the future. As a participant in that review, it pains me to recall the vast indifference with which our

work was greeted among colleagues. One of the few positive results of that Committee's work was the impetus which it gave to the organization of Divisional Curriculum Committees and to the initiation of debate on some of these central policy questions in those committees and elsewhere. And yet, here we are once more with the question (I might better say the "non-question") of grades and grade distribution within individual courses. I, for one, am heartily sick of this old canard; I can only hope that we shall soon get down to the fundamental academic and pedagogical questions which underly this obsession with grades.

(ii) We should perhaps begin our discussion of the assessment issue with some consideration of the "descriptive fallacy", by which I mean the mistaken belief that an accurate "scientific" description of normal practice will free us from the trouble of defining a practice which we consider to be desirable in academic and human terms. Note, for instance, the final sentence on page 4 of the Principal's memo of 21 June 1973.

"However, if our pattern of marks departs radically from the norm we should ask ourselves why this is the case and what effect this will have on students".

This "descriptive fallacy" is open to attack on two grounds, epistemological and ethical. First of all, do we have any adequate data on normal practice in grading: (i) is our base sufficiently broad to embrace a normal distribution of talent (supposing that such exists), (ii) is our data sufficiently detailed and accurate to reflect this normal distribution? It will not do for overall averages of "A's" and "B's" etc. to "look right" to our eyes; in this case we will simply be confirming our own prejudices.

Much more important are the ethical assumptions implicit in this fallacy; once we have accurate knowledge of what constitutes "normal" practice we should simply impose that model more or less rigorously on any class which we may be assessing. The human implications of this doctrine are monstrous, and altogether unworthy of an educational institution. But, note the intellectual weakness of such a view; we perceive what is "normal" in current practice and impose it on any given group; then we use that group as further evidence for normal practice - as obvious circularity, unworthy of a child. But, more important, what happens to the individual while this "sausage machine" of unquestioned assumptions and callous disregard of human identity and individuality rolls along, on its merry way?

(iii) In place of this concern with "normal" practice and with grades, I would like to offer a proposal centred on the individual student and teacher. I am proposing the following policy:

- (i) the College should abandon the present grading system of numerical and letter grades.
- (ii) in their place the College should adopt a "Pass", "Fail", "Pass with Honours" system.
- (iii) the College should give much more attention to individual curricula and courses of study and to formal and informal counselling programmes, even of a compulsory nature.
- (iv) the College should consider for the long range, the abandonment of course examinations or "final" marks in courses and consider adopting instead a single formal assessment of each student at the end of his course of study.

You may note that I have not referred to the "unusually high" grades awarded in my courses; I do not intend to do so. Not that I mean to imply that my "grades" are accurate and immune from criticism. Very much the reverse is the case; it was only with extreme reluctance and a bitter sense of the injustice which any grading system requires when applied to human beings that I assigned any grades to any student. "Grades" may be a necessary evil (I do not myself believe it). Surely the real subject to which we should address ourselves is learning and the role which continuous (self) assessment plays in learning. I cannot be convinced that formal public assessment of the sort required by "grading" systems is anything but a mindless, brutal and unnecessary depersonalization of individual human beings, and evil for those who receive "grades" and for those who award them alike.

ACADEMIC CALENDAR

WED. JULY 25 — Council Chamber, 10:00 a.m. General Policy meeting.

WED. JULY 25 — Meeting Place, 12:30 p.m. Concert featuring the Herbie Helbig Trio. Everyone is welcome.

WED. AUG. 2 — Meeting Place, 12:30 p.m. Concert featuring the Hart House Chamber Group. Everyone is welcome.

SCARBOROUGH COLLEGE BULLETIN

Number 37



August 3, 1973

ANT C03 AT GIBRALTAR

As students enrolled in the Gibraltar Field Course offered by Scarborough College, we thought you would find it both interesting and helpful to be informed of the value and importance of this course.

The course began, technically, July 1, but before this date we were given a military tour of the Rock of Gibraltar, arranged and conducted by Fortress Headquarters. On this tour areas of study which pertained to our work were given special emphasis. Victor, our driver, demonstrated the guns facing Africa and Spain, the numerous batteries used during the two World Wars and the like. We were also given a talk on the history of the Rock, using the beautiful scale model of Gibraltar, constructed in the 1800's, at Fortress Headquarters. As well as this, we were given a fairly detailed history of the people and their origins. From that point, we began the actual study of the Macaca sylvana, (the Gibraltar apes).

The first requirement of the course necessitates us being on the study location (300 steep feet to walk!) between 6:30

- 11:00 a.m. and 6:00 - 9:00 p.m. every day. The reason for these hours is that these are the tourist-free times when the animals are most naturally active. Most mornings around 7:00 or 7:30 we receive a talk from Sgt. Holmes, Officer-in-charge of Apes. These talks contain the knowledge he gained from his 18 years of experience in working with the apes. He has been most helpful and patient in teaching us the names, characteristics and behaviour patterns of every member of the troop (except for the new arrivals which being only a few weeks old all look the same to everyone!).

The four of us under the guidance of Dr. Burton are mainly interested in troop dynamics — the interactions of all troop members. Our situation is unique in that three adult males are sharing the leadership of the troop at this time; however, there is the possibility of them competing against one another for sole leadership. This being a rare situation in Gibraltar, we are specifically taking note of adult male interactions but not to the exclusion of other aspects.

A DIFFERENT KIND OF DRINKING PROBLEM

Another benefit of our study of a troop maintained for the tourists is that it gives a basis of comparison to the wild troop studied by Dr. Burton since 1970.

Our experience in Gibraltar has made it possible to see theory in actual existence. For us this has brought alive the lectures of the last few years. We find it to be a valuable lesson in the importance and necessity of field research in primate behaviour and other disciplines.

Fortunately for us, Dr. Burton has introduced us to the amazing library here, which contains multitudes of original old manuscripts both fascinating and pertinent to our study. In addition to this research, we are working with archives, museum specimens and military documents dating back to 1704.

Of course, we cannot exclude what we have gained as individuals from simply being here in Gibraltar, it being a port that draws a wide variety of peoples. Acquaintances are easily made; for example, the Minister of Tourism has asked us to judge a children's fancy dress contest and attend the evening festivities of the annual fair.

We all feel we will return to Canada competent diplomats: the combination of so many different nationalities often leads to situations that require us to take a constant non-political stance. Our affiliations with the University of Toronto and the British army demand that we be able to handle these situations with utmost care.

Marsha Cully
Alison de Pelham
Barbara Jones
Rhonda Levine

I have been informed that there has been a growing tendency for some people to consume alcohol at times and in areas of the College which are not covered by the licenses issued by the L.C.B.O. Inspectors visit the College from time to time, as they are entitled to do, to insure that the terms of the licenses are being observed. I have learned that the award of future licenses may be prejudiced if we do not observe the regulations. We could lose our license privileges for 12 months!

Thus, would you please ensure that you drink only in the regular areas specified — Cafeteria, Pub, Faculty Dining Room — and on the days and at the times specified. (If a license has been issued for a special function, this will relate to a specific day and will clearly indicate the period during which alcohol can be served and the area to which drinking is restricted).

D.R. Campbell

A RESPONSE TO "WHAT'S YOUR GRADE"

by Joan Pennings

As one of the students who had the privilege to be taught by Professor John H. Corbett and finished with an "A" I think that some comments on What's your Grade (July 20) are in order.

As a part time student and mother of three children, to attend courses has to be fitted in between other "duties"; so when I first contacted Professor Corbett about my particular situation he was understanding and sent me anything pertaining to the course by mail. (In all

fairness other professors have done that too). He also made it known to me that, even though lectures are important, much of my particular course could be done by self-motivated study. I was fortunate enough to attend many of the classes and saw the films pertaining to the course, which I thoroughly enjoyed.

The enthusiasm displayed by Professor Corbett for his discipline is one as I have seldom seen before and I am convinced that many students in my class agreed with me. I remember occasions where an older person in the class brought two of his colleagues (non-students) just for the sake of interest. Is it too presumptuous to ask that Professor Corbett's "high marks" have something to do with the fact that enthusiasm for his subject is "catching"?

Lastly I would like to say that in comparison to the mark I received from Professor Corbett, I also obtained an "A" in a half course based on essays by another professor and a "D" (51) in a half course based on multiple choice. My obvious conclusion is that from now on I should stay away from courses based on multiple choice tests, even though I would like to dabble a bit more in psychology.

I can go along with a system as suggested by Professor Corbett in so far as it suggests a criterion for evaluation of either pass or fail. However, if we are also going to institute pass with honour, it seems to me that we might as well adhere to the old letter grades. I would rather see that an option be made available to students whereby they can determine their own mark; that is to say that a student knows what is required of his paper in order for it to be graded "A"

"B", "C" etc. This may encourage some to take a trip to the writing laboratory, which is an extremely good and expedient place for poor essay writers.

For courses based on multiple choice tests it seems to me only fair that at least one alternative in a series of tests is made available for those who do very poor in this sort of "academic" endeavour.

DID YOU KNOW THAT. . . ?

Mr. David Keeling has left Scarborough College to become Assistant Dean in the Faculty of Music. He has been succeeded by Mrs. Gudrun Curri as Assistant Registrar (Records). Mrs. Curri has responsibility for all functions previously handled by Mr. Keeling: admissions, registration, student records and student statistics, and duties as office manager for the Registrar's Office.

In the fall a band or orchestra will be formed at the College under the leadership of Mr. Don Coakley. Students with previous experience in playing with bands, orchestras or ensembles are invited to join. If you are interested, please send the following information to Mr. Coakley, c/o Scarborough College: name, address, phone, instrument, number of years experience.

Principal D.R. Campbell has been asked by President John Evans to serve on the Governing Council of U. of T. He is also a member of the Academic Affairs Committee, a committee of the Council.

The Governing Council has accepted the Report of the Sub-committee on Extension which, among other things, recommended the formation of a college for undergraduate students taking mostly evening and summer courses. The College will have a Principal who is a member of the professorial staff of an academic department, and an Academic Council of not more than 50 members. Professorial staff, students, administrators, alumni associated with the college would comprise the membership.

The sub-committee recommended that the President be requested to commence the search for the Principal as soon as possible, so that he might possibly take office for the 1973-74 academic year.

According to a recent report by James Murphy, the University's Chief Safety Officer, Scarborough College is one of the three units of the University in which the number of accidents has increased significantly. The University as a whole is continuing to reduce "lost-time accidents" but the number of "medical-aid accidents" has increased; that is, there is a reduction in the number of serious accidents but minor accidents are increasing. This increase is credited mainly to the Faculty of Medicine, the Faculty of Dentistry and Scarborough College (in decreasing order).

Having one of the University's highest accident rates is a rather dubious honour; perhaps we need to be more careful.

ACADEMIC ACTIVITIES

PROFESSOR J.S. MOIR (History) has been elected Vice-President of the Canadian Conference on Scottish Studies. The Canadian Conference on Scottish Studies meet annually with the Learned Societies and holds further seminars/conferences during the year. Emphasis of interest is on Scottish history generally and Scottish Canadian history as a minor theme.

PROFESSOR M. BUNCE (Geography) has been awarded a grant of \$3,500 by the Canada Council for research into part-time farming in Ontario. The project is entitled, "Multiple Job Holding by Farm Operators in Ontario: a Study of Spatial Activity Spheres and Community Impact", and will concentrate upon selected areas of Eastern Ontario.

PROFESSOR P. LEON (Spanish) delivered a paper entitled, "Cortesiá, Clave Temática Y Estructural En El Abencerraje" at the meeting of the Canadian Association of Hispanists at Queen's University in June of this year.

His book on Pedro de Cieza de León's Crónica del Perú was published by Gredos, in Madrid early this year.

PROFESSOR J.B. WILKER (Mathematics) gave a talk on "Inversive geometry" to the February Meeting of the Metro Mathematics Teachers' Association and he spoke on "Inversive geometry and the homomorphism of $SL(2, \mathbb{C})$ onto the Lorentz group L_4 " to the Twenty-seventh Ontario Mathematical Meeting, Ottawa and to the Canadian Mathematical Congress.

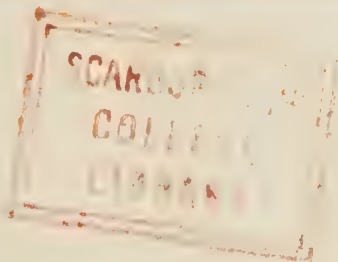
ACADEMIC CALENDAR

THURS. AUG. 9 — Meeting Place, 12:30 p.m. Concert featuring the Ted Moses Quintet. Everyone is welcome.

SCARBOROUGH COLLEGE BULLETIN

Number 38

August 17, 1973



WORK AND PLAY IN KENYA by D.R. Campbell

WORK: As economic advisor for two years to the Ministry of Finance and Planning in Nairobi my work was mainly with two highly competent Africans — the assistant deputy ministers of planning and of finance. Since I was asked to advise on agriculture, which comprises 80 per cent of the labour force, co-operatives, forestry, mining, and from time to time on wildlife management and on budgeting there was no lack of work or challenges. I was even pressed into service as a trouble-shooter to help provide famine relief in the arid lands during the drought of 1971. Working with me was a delightful young Kenyan.

Work in the Ministry was a real joy. There was always so much to do — a cash flow for the Agricultural Credit Corporation, negotiations with Del Monte for an expansion of pineapple production (5,000 jobs), reorganization of a near-bankrupt sugar factory, planning a live-stock project that would double cash incomes in the arid zones, discussions with World Bank teams on seasonal credit for thousands of smallholders, preparing a materials balance plan for forestry. . . .

PLAY: East Africa is fantastic country. Twenty miles from our home was one edge of the great Rift Valley; five miles of tortuous but paved descent and one was at the foot of an extinct volcano; 4,000 feet of climbing by foot and one peered straight down into the caldera hundreds of feet below; drive another 10 miles and there was a beautiful fresh water lake on which we recognized 54 species of birds in two hours; another 15 miles took one to a small soda ash lake with up to 2,000,000 pink flamingos — the greatest collection anywhere.

When we drove down the main highway to the Indian Ocean we never counted fewer than 30 elephants per trip. And the coast! Hundreds of miles of white sand, coral, and blue and white breakers.

Most of us went tenting regularly in areas which have the largest concentration of wild animals anywhere. At night there were always animal sounds including roars and trumpetings disturbingly close by. Over Easter 1972, we drove for five bone-shaking days in a Land Rover to Lake Rudolf (now thought to be the site of earliest-known man) and

across the northern desert carrying all our supplies of water and petrol.

KENYA: Kenya has had its racial problems but the major step towards their solution came a decade ago when it became clear that the Africans were in charge. African-European relations seem remarkably harmonious and many English farmers rejoice that they became Kenyans and stayed on at independence. Relations between Africans and Asians are less happy and I expect that non-citizens' days in Kenya are numbered.

More important than racial problems are tribal problems. In contrast to Tanzania where there are many small tribes, Kenya has a number of large tribes and this makes rivalries more serious. The aggressive more-westernized Kikuyu around Nairobi are viewed with anxiety and jealousy by some of the other large tribes although Government speeches attempt constantly to play down tribalism. Pastoral people like the Masai and Samburu are not much concerned by these matters and live much as their forefathers did — on milk and blood from their animals.

The great economic problems are unemployment in Nairobi, the continuing rural-urban migration, and the fact that quite rapid economic progress has not been shared at all equally. The Government, though, has been willing to allocate funds for investment projects to all parts of the country, even those backward areas where immediate pay-offs are low. Kenya, a capitalist-oriented country is an interesting contrast to neighbouring Tanzania which is following its own route to socialism. The relative progress will be a fascinating race to watch over the next two decades.

A LOOK AT ENROLMENT FIGURES

Some interesting trends in enrolments by discipline can be seen from the figures below. In general, there is a gradual trend away from the Humanities and Social Sciences towards Science, with disciplines such as biology and chemistry experiencing a significant increase in enrolment.

The enrolment in a discipline is expressed as a percentage of the total (FCE), taken in December of the particular year. For 1973-74, the figures shown are the projected enrolments for September.

Discipline	Enrolments		
	Dec.1971 %	Dec.1972 %	Projected for 1973-74 %
Anthropology	6.9	5.7	4.3
Astronomy	1.1	1.0	1.2
Biology	7.3	8.6	11.5
Chemistry	3.7	4.5	6.6
Classics	1.5	1.4	1.0
Commerce	1.7	1.8	2.4
Economics	5.0	6.0	6.5
English	11.9	11.1	9.0
Fine Art	1.2	1.7	1.7
French	3.4	3.0	3.6
German	.6	.7	.9
Geography	4.7	4.2	4.3
History	7.3	6.6	5.9
Humanities	1.7	2.0	2.0
Italian	.6	.7	.9
Linguistics	.5	.5	.7
Mathematics	7.0	6.8	6.8
Natural Science	1.0	2.1	1.8
Philosophy	3.2	2.9	2.6
Physics	2.4	2.4	2.9
Political Science	3.0	4.9	4.2
Psychology	11.7	10.7	10.6
Russian	.4	.6	.4
Sociology	11.1	8.5	7.6
Spanish	1.3	1.1	1.0
Humanities	33.6	32.3	29.7
Social Sciences	32.4	31.1	29.3
Science	34.2	36.1	41.4

LETTER FROM HALIBURTON

by Eleanor Irwin

One of the myths of the Greeks tells how the goddess Demeter's daughter was kidnapped by the god of the underworld; how she searched the world over for her lost child and refused to allow the earth to produce food while the child was separated from her; and at last, finding her, was granted her daughter's return to the upper world - but only for part of the year. So, says the account, while her daughter is with her, she makes the earth fruitful, and when her daughter returns to Hades, the earth ceases to produce. Attention in the myth is almost exclusively focussed on the figure of Demeter who is both Earth Mother (or Mother Nature) and the Sorrowing Mother. But it is the daughter Persephone who intrigues me by the double life she leads. For part of the year she is queen in the world below and for part she is her mother's child again in the upper world. She is a shadowy figure whose feelings are not revealed to us in the Greek accounts, yet it could hardly have escaped the notice of those early hearers, especially the women, that Persephone represents a truth for every married woman, virtually all women in ancient Greece, - the dual role of daughter and wife. Persephone's case is complicated by the change of residence, half time in the pleasant upper world and half time in the dark, dreary underworld. It is in her change of residence that Persephone seems to be the prototype of people like me who spend some of their year in a dark, dreary underworld of concrete and some in the upper air of Haliburton. Just as she must have found compensation in both places and advantages in the double life, so do I. Being queen for half a year, for example, even over such subjects, must have made her

position as daughter more bearable for the other half. But, being in the clean, clear air of the world of the living must have given her memories to store up against her sojourn among the dead.

For me also the double life has compensations. During the winter I have my subjects, not as dead as hers. During the summer I am revived by the warm weather and natural surroundings at our cottage.

It is my personal conviction that a classicist understands the Greeks and Romans better if she (or he) has a cottage in Haliburton. Our cottage, like the Homeric house, has a large room or megaron with a central hearth, thus enabling us to experience at first hand the smokiness Homer knew. Our lake, while not quite the Mediterranean, provides a vista for contemplation. Many an hour have I spent considering the colours of the lake and the wooded shore so as to get inside the skin of the Greek poets in my study of the way they used colour terms. At night my study of astronomy is advanced as I learn to distinguish the wandering planets from the sphere of fixed stars and watch for myself the Great Bear who never takes a bath in the lake. At times, because of a disruption in Hydro service, we use an oil lamp to illuminate the cottage and then I become more acutely aware of the contrast of day and night in a world before the invention of the electric light bulb. We are more sympathetic to the prayers of the ancients for a favouring wind when we sail our small boat, though with a different sail style, it is more manoeuvrable with respect to wind direction than

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classical craft. Once in a storm, we had the Dioscouri riding at the top of mast, and then were kin to all who had heard their crackle or seen their fire.

Catullus rejoiced in his villa on Lake Sirmio, Horace in his Sabine farm away from the heat of crowded Rome; so we are happy to come up here. But as Persephone, in my imagination, found some drawbacks to her life in the upper world and some advantages to that in the world below, so I shall be satisfied to be back at Scarborough come September.



PASSES TO ROBARTS LIBRARY

Members of faculty and graduate students may now apply for carrells in the Robarts library. Letters of application should be addressed to: Reader Services, Robarts Library.

Stack passes are also available for all members of the University but must be applied for in person at the Robarts Library.

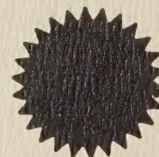
CHANGES IN DUPLICATING SERVICE

The xerox machine has remained on the fourth floor but all other duplicating and printing equipment has been moved to the second floor, to the room previously occupied by the Student Coffee Shop.

In using the xerox machine, please charge the appropriate department or division for the service. Duplication of any personal material will continue to cost \$.05 a copy and remittance should be made to Mrs. Elsie Autton, Room S-409.

The printing room on the second level contains the following equipment: 1 Gestetner Offset Press (to be used when more than 75 copies are required), 1 Gestafax (makes stencils from master copy), 2 Gestetner Duplicating machines and 1 Ditto machine.

Beginning on September 4, requisition forms will be required for all work done in the printing room. It is requested that they be completed in duplicate and attached to the original. The work will be completed as quickly as possible under the following order of priorities: teaching, administration, other. When the work is ready, you will be contacted and asked to collect the material.



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